Australian Government

IP Australia

CERTIFICATE OF GRANT

INNOVATION PATENT

Patent number: 2021102301

The Commissioner of Patents has granted the above patent on 2 June 2021, and certifies that the below particulars have been registered in the Register of Patents.

Name and address of patentee(s):

Parmod Kumar of Associate Professor, School of Energy & Electromechanical Eng, Hunan University of Humanities Science and Technology Loudi City, Hunan China

Divyanshu Sinha of K 169, Ground floor, Sarita Vihar New Delhi 110076 India

Pooja Singh of Assistant Professor, Dept. of Computer Science & Engineering, Amity School of Engineering & Technology Delhi, Amity University Noida, Sector-125, Uttar Pradesh India

Rabinarayan Satpathy of Professor of, Computer Science and Engineering (FMS), Director VC Office SRI SRI University Cuttack, Odisha India

SK Dhakad of Associate Professor, Department of Mechanical Engineering, UIT - RGPV -Shivpuri, Satanwada Madhya Pradesh India

Priyanka Vashisht of Assistant Professor, Dept. of Computer Science & Engineering, The NorthCap University Sector 23 A, Gurugram India

Meghna Sharma of Assistant Professor, Dept. of Computer Science & Engineering, The NorthCap University Sector 23 A, Gurugram India

Navneet Sangle of Associate Professor, Department of Mathematics, D.Y.Patil College of Engineering & Tech. Maharashtra India

Niranjanamurthy M of Assistant Professor, Department of Computer Applications, M S Ramaiah Institute of Technology Mattikere, Bangalore Karnataka India

Vineet Dahiya of Associate Professor, Dept. of Electrical & Electronics Eng., School of Engineering and Technology K R Mangalam University Gurgaon, Haryana India

Pavithra G. of Associate Professor, Dept. of Electronics & Communication Eng, Dayananda Sagar College of Engineering Bangalore, Karnataka India

Title of invention:

DECISION SUPPORT SYSTEM BASED ON MACHINE LEARNING AND DEEP LEARNING FOR SECURE DATA MANAGEMENT

Name of inventor(s):

Kumar, Parmod; Sinha, Divyanshu; Singh, Pooja; Satpathy, Rabinarayan; Dhakad, S. K.; Vashisht, Priyanka; Sharma, Meghna; Sangle, Navneet; M., Niranjanamurthy; Dahiya, Vineet and G., Pavithra

Term of Patent:

Eight years from 30 April 2021

COMMONWEALTH OF AUSTRALIA AUSTRALIA PATENT OFFICE

Registrar
K.R. Mangalam University
Sohna Road. Gurugram (Haryana)

Dated this 2nd day of June 2021

Commissioner of Patents

PATENTS ACT 1990

The Australian Patents Register is the official record and should be referred to for the full details pertaining to this IP Right.

Application Details

2021102970
: A PROCESS FOR PREPARING HYBRID CONCRETE AND HYBRID CONCRETE THERE OF

BIBLIOGRAPHIC DATA

Application details

Australian application number	2021102970	**Patent application type**	Innovation		
Application status	GRANTED	**Paid to date**	2023-05-30	**First IPC Mark**	
Currently under opposition	No	**Proceeding type(s)**			
Invention title	A PROCESS FOR PREPARING HYBRID CONCRETE AND HYBRID CONCRETE THERE OF				
Inventor(s)	Kumar, Kaushal				
Agent name	Kumar, Dr. Kaushal	**Address for legal service**	SA 5021 Australia show full address		
Filing date	2021-05-30	**Australian OPI date**		**OPI published in journal**	
Effective date of patent	2021-05-30	**Expiry date**	2029-05-30		
Additional/Divisional application number		**Additional/Divisional relationship**			

Applicant details

Applicant	Kumar, Kaushal	**Applicant address**	K.R. Mangalam University Gurugram India
Old name(s)			

IPC details

Int Cl.	Version	First Mark

Priority details
Associated provisional(s)

SPECIFICATION/E-REGISTER

EDOSSIER

LIFECYCLE DETAILS

FEE/PUBLICATION HISTORY

OWNERSHIP DETAILS

OPPOSITIONS, DISPUTES & AMENDMENTS

Subscribe to notification service

Submission of Relevant Material (S27,S28)

This current as of **2022-05-10 18:00 AEST**.

Registrar
K.R. Mangalam University
Sohna Road. Gurugram (Haryana)

Droit d'auteur / Copyright

CERTIFICAT D'ENREGISTREMENT

CERTIFICATE OF REGISTRATION

1187097

Numéro d'enregistrement
Registration number

Ce certificat d'enregistrement est émis conformément aux articles 49 et 53 de la Loi sur le droit d'auteur. Le droit d'auteur sur l'oeuvre a été enregistré à la date d'enregistrement et selon les détails indiqués dans les présentes.

This Certificate of Registration is issued pursuant to sections 49 and 53 of the Copyright Act. The copyright in the work was registered on the date of registration and as detailed herein.

Membre du personnel du Bureau du droit d'auteur
Officer of the Copyright Office

Date d'enregistrement /
Date of registration

08 OCT / OCT 2021

Titre /
Title

EVALUATION OF SULFONAMIDES AS PROMISING ANTI-VIRAL LEAD MOLECULES DOCKED AGAINST ANTI-COVID-19

Catégorie /
Category

LITTÉRAIRE / LITERARY

Titulaire(s) /
Owner(s)

CHANDRA MOHAN
ASSISTANT PROFESSOR, K R MANGALAM UNIVERSITY, SOHNA ROAD
GURUGRAM, HARYANA
India, 122103

VINOD KUMAR
ASSISTANT PROFESSOR SMAS, K R MANGALAM UNIVERSITY, SOHNA ROAD,
GURUGRAM
India, 122103

ANURADHA SAHA
ASSISTANT PROFESSOR, DEPARTMENT OF APPLIED SCIENCES, GALGOTIAS COLLEGE OF ENGINEERING AND TECHNOLOGY,
KNOWLEDGE PARK II
GREATER NOIDA
India, 201306

Registrar
K.R. Mangalam University
Sohna Road. Gurugram (Haryana)

Application Details

2021105517
: A THREE-INPUT EXCLUSIVE NOR GATE DEVICE

BIBLIOGRAPHIC DATA

Application details

Australian application number	2021105517	**Patent application type**	Innovation		
Application status	GRANTED	**Paid to date**	2023-08-15	**First IPC Mark**	**H03M 13/00** (2021.01)
Currently under opposition	No	**Proceeding type(s)**			
Invention title	A THREE-INPUT EXCLUSIVE NOR GATE DEVICE				
Inventor(s)	Kumar Saini, Jitendra ; Musala, Sarada ; Kumawat, Renu ; Srinivasulu, Avireni				
Agent name	Kumar Saini, Dr. Jitendra	**Address for legal service**	VIC 3046 Australia show full address		
Filing date	2021-08-15	**Australian OPI date**	2021-11-04	**OPI published in journal**	
Effective date of patent	2021-08-15	**Expiry date**	2029-08-15		
Additional/Divisional application number		**Additional/Divisional relationship**			

Applicant details
IPC details
Priority details
Associated provisional(s)

SPECIFICATION/E-REGISTER

EDOSSIER

LIFECYCLE DETAILS

FEE/PUBLICATION HISTORY

OWNERSHIP DETAILS

OPPOSITIONS, DISPUTES & AMENDMENTS

Subscribe to notification service

Submission of Relevant Material (S27,S28)

This data is current as of **2022-05-10 18:00 AEST**.

Registrar
K.R. Mangalam University
Sohna Road. Gurugram (Haryana)

Application Details

2021105545
: AN RFID BASED RETAIL SHOPPING SYSTEM AND METHOD USING A SMART WEARABLE DEVICE

BIBLIOGRAPHIC DATA

Application details

Australian application number	2021105545	**Patent application type**	Innovation		
Application status	GRANTED	**Paid to date**	2023-08-15	**First IPC Mark**	**G06Q 30/02** (2021.01)
Currently under opposition	No	**Proceeding type(s)**			
Invention title	AN RFID BASED RETAIL SHOPPING SYSTEM AND METHOD USING A SMART WEARABLE DEVICE				
Inventor(s)	Bhargav, Appasani ; Kumar Singh, Sachin ; Kumar, Prashant ; Mishra, Sunil Kumar ; Srinivasulu, Avireni ; Nsengiyumva, Philibert				
Agent name	Bhargav, Dr. Appasani	**Address for legal service**	VIC 3046 Australia show full address		
Filing date	2021-08-15	**Australian OPI date**	2021-11-18	**OPI published in journal**	
Effective date of patent	2021-08-15	**Expiry date**	2029-08-15		
Additional/Divisional application number		**Additional/Divisional relationship**			

Applicant details
IPC details
Priority details
Associated provisional(s)

SPECIFICATION/E-REGISTER

EDOSSIER

LIFECYCLE DETAILS

FEE/PUBLICATION HISTORY

OWNERSHIP DETAILS

OPPOSITIONS, DISPUTES & AMENDMENTS

Subscribe to notification service

Submission of Relevant Material (S27,S28)

This data is current as of **2022-05-10 18:00 AEST**.

Registrar
K.R. Mangalam University
Sohna Road. Gurugram (Haryana)

Application Details

2021107052
: METHOD TO ANALYZE ENABLING FACTORS AFFECTING PERFORMANCE CONSTRUCTION PROJECTS IN ARCHITECTURE ENGINEERING AND CONSTRUCTION INDUSTRY

BIBLIOGRAPHIC DATA

Application details

Australian application number	2021107052	**Patent application type**	Innovation		
Application status	GRANTED	**Paid to date**	2023-08-24	**First IPC Mark**	**G06Q 50/08** (2021.01)
Currently under opposition	No	**Proceeding type(s)**			
Invention title	METHOD TO ANALYZE ENABLING FACTORS AFFECTING PERFORMANCE CONSTRUCTION PROJECTS IN ARCHITECTURE ENGINEERING AND CONSTRUCTION INDUSTRY				
Inventor(s)	Dixit, Saurav				
Agent name	Dixit, Prof (Dr) Saurav	**Address for legal service**	WA 6017 Australia show full address		
Filing date	2021-08-24	**Australian OPI date**	2021-12-02	**OPI published in journal**	
Effective date of patent	2021-08-24	**Expiry date**	2029-08-24		
Additional/Divisional application number		**Additional/Divisional relationship**			

Applicant details

Applicant	University, K. R. Mangalam	**Applicant address**	122103 India
Old name(s)			

IPC details

Int Cl.	Version	First Mark
G06Q 50/08	(2021.01)	Y

Priority details

Associated provisional(s)

SPECIFICATION/E-REGISTER

EDOSSIER

LIFECYCLE DETAILS

FEE/PUBLICATION HISTORY

Continuation/Renewal fee history

Date paid		**Paid to date**	2023-08-24	**Next fee due**	2 Fee Table
Agency address					

Publication history

Vol/Iss	Publication date	Publication action	Reason	Document kind
35/48	2021-12-02	Innovation Patents OPI		AU-A4
35/48	2021-12-02	Patent Granted - Innovation Patents		
35/46	2021-11-18	Innovation Application Filed		

OWNERSHIP DETAILS

OPPOSITIONS, DISPUTES & AMENDMENTS

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Submission of Relevant Material (S27,S28)

This data is current as of **2022-05-23 18:00 AEST**.

Registrar
K.R. Mangalam University
Sohna Road. Gurugram (Haryana)

Application Details

2021107051
: A METHOD TO ANALYZE IMPACT OF MANAGEMENT PRACTICES ON THE PRODUCTIVITY OF BUILDING CONSTRUCTION PROJECTS

BIBLIOGRAPHIC DATA

Application details

Australian application number	2021107051	**Patent application type**	Innovation		
Application status	GRANTED	**Paid to date**	2023-08-24	**First IPC Mark**	**G06Q 10/06** (2021.01)
Currently under opposition	No	**Proceeding type(s)**			
Invention title	A METHOD TO ANALYZE IMPACT OF MANAGEMENT PRACTICES ON THE PRODUCTIVITY OF BUILDING CONSTRUCTION PROJECTS				
Inventor(s)	Dixit, Saurav				
Agent name	Dixit, Prof (Dr) Saurav	**Address for legal service**	WA 6017 Australia show full address		
Filing date	2021-08-24	**Australian OPI date**	2021-12-09	**OPI published in journal**	
Effective date of patent	2021-08-24	**Expiry date**	2029-08-24		
Additional/Divisional application number		**Additional/Divisional relationship**			

Applicant details

Applicant	University, K. R. Mangalam	**Applicant address**	122103 India
Old name(s)			

IPC details
Priority details
Associated provisional(s)

SPECIFICATION/E-REGISTER

EDOSSIER

LIFECYCLE DETAILS

FEE/PUBLICATION HISTORY

OWNERSHIP DETAILS

OPPOSITIONS, DISPUTES & AMENDMENTS

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Submission of Relevant Material (S27,S28)

This data is current as of **2022-05-23 18:00 AEST**.

Registrar
K.R. Mangalam University
Sohna Road. Gurugram (Haryana)

Bundesrepublik Deutschland

Urkunde

über die Eintragung des Gebrauchsmusters Nr. 20 2021 105 406

Bezeichnung:

Intelligentes Überwachungsgerät für den Transport von lebenden Fischen auf der Grundlage eines Internet der Dinge-Sensors

IPC:

A01K 63/00

Inhaber/Inhaberin:

Akila, Duraisamy, Dr., Chennai, Tamil Nadu, INA
Lakhani, Bhavesh, Dr., Ahmedabad, Gujarat, IN
Bathla, Rajender Kumar, Prof. Dr., Mandi Gobindgarh, Punjab, IN
Dadheech, Pankaj, Dr., Jaipur, Rajasthan, IN
Dahiya, Vineet, Dr., Sohna, Haryana, IN
Gupta, Manish, Dr., Moradabad, IN
Jangra, Ajay, Dr., Pehowa, Haryana, IN
Jolly, Ashish, Dr., Ambala Cantt, Haryana, IN
Kumar, Surender, Dr., Anandpur Sahib, Punjab, IN
Sheeja, S. Angelin, Dr., Tamil Nadu, IN
Sinha, Divyanshu, New Delhi, IN
Srivastava, Jay Prakash, Dr., Hasanparthy, IN
Yadav, Deepika, Dr., Sonipat, Haryana, IN

Tag der Anmeldung:

06.10.2021

Tag der Eintragung:

29.10.2021

Registrar
K.R. Mangalam University
Sohna Road. Gurugram (Haryana)

Die Präsidentin des Deutschen Patent- und Markenamts

Cornelia Rudloff-Schäffer

München, 29.10.2021

DEUTSCHES PATENT- UND MARKENAMT

Die Voraussetzungen der Schutzfähigkeit werden bei der Eintragung eines Gebrauchsmusters nicht geprüft.
Den aktuellen Rechtsstand und Schutzumfang entnehmen Sie bitte dem DPMAregister unter www.dpma.de.

Translation

Federal Republic of Germany

Certificate

on the registration of
utility model No. 20 2021 105 406

Designation:
monitoring device for live fish transportation
based on Internet of Things sensor

IPC:
A01K 63/00

Owner:

isamy, Dr., Chennai, Tamil Nadu, INA
havesh, Dr., Ahmedabad, Gujarat, IN
jender Kumar, Prof. Dr., Mandi
h, Punjab, IN
Pankaj, Dr., Jaipur, Rajasthan, IN
neet Dr., Sohna, Haryana, IN
nish, Dr., Moradabad, IN
Jangra, Ajay Dr., Pehowa, Haryana, IN
Jolly, Ashish, Dr., Ambala Cantt, Haryana, IN
Kumar, Surender, Dr., Anandpur Sahib, Pun
Sheeja, S. Angelin, Dr., Tamil Nadu, IN
Sinha, Divyanshu, New Delhi, IN
Srivastava, Jay Prakash, Dr., Hasanparthy,
Yadav, Deepika, Dr., Sonipat, Haryana, IN

Day of registration:
October 6th, 2021

Date of entry: October
29, 2021

The President of the German Patent and Trademark Office

Cornelia Rudloff-Schäffer

Cornelia Rudloff-Schäffer

Munich, October 29, 2021

The requirements for protectability are not checked when registering a utility model. The current legal status and scope of protection can be found in the DPMA register at www.dpma.de

Registrar
K.R. Mangalam University
Sohna Road. Gurugram (Haryana)

Australian Government

IP Australia

CERTIFICATE OF GRANT

INNOVATION PATENT

Patent number: 2021106406

The Commissioner of Patents has granted the above patent on 24 November 2021, and certifies that the below particulars have been registered in the Register of Patents.

Name and address of patentee(s):

Pankaj Gupta of School of Medical & Allied Sciences, K. R. Mangalam University, Sohna Road Gurugram Haryana India

A. R. Vijayakumar of Department of Pharmacology, Faculty of Pharmacy, Sree Balaji Medical College and Hospital, BIHER, Chromepet Chennai Tamil Nadu India

Ujjalkumar Das of Ocular Pharmacology & Pharmacy Division, Dr. Rajendra Prasad Centre for Ophthalmic Sciences, All India Institute of Medical Sciences New Delhi Delhi India

Laxmi Moksha of Ocular Pharmacology & Pharmacy Division, Dr. Rajendra Prasad Centre for Ophthalmic Sciences, All India Institute of Medical Sciences New Delhi Delhi India

Ajay Pal Singh of Department of Pharmacy, Integrated Academy of Management & Technology Ghaziabad Uttar Pradesh India

Ashutosh Aggarwal of Department of Pharmacology, Seth G L Bihani S D College of Tech Education Sriganganagar Rajasthan India

Title of invention:

A formulation of medicaments using Lantana Camara for treatment of Skin related diseases and methods thereof

Name of inventor(s):

Gupta, Pankaj; Vijayakumar, A. R.; Das, Ujjalkumar; Moksha, Laxmi; Singh, Ajay Pal and Aggarwal, Ashutosh

Term of Patent:

Eight years from 22 August 2021

NOTE: This Innovation Patent cannot be enforced unless and until it has been examined by the Commissioner of Patents and a Certificate of Examination has been issued. See sections 120(1A) and 129A of the Patents Act 1990, set out on the reverse of this document.

Registrar
K.R. Mangalam University
Sohna Road. Gurugram (Haryana)

COMMONWEALTH OF AUSTRALIA
AUSTRALIA
PATENT OFFICE

Dated this 24th day of November 2021

Commissioner of Patents

PATENTS ACT 1990

The Australian Patents Register is the official record and should be referred to for the full details pertaining to this IP Right.

Extracts from the Patents Act, 1990

Sect 120(1A) Infringement proceedings in respect of an innovation patent cannot be started unless the patent has been certified.

Sec 128 **Application for relief from unjustified threats**

(1) Where a person, by means of circulars, advertisements or otherwise, threatens a person with infringement proceedings or other similar proceedings a person aggrieved may apply to a prescribed court, or to another court having jurisdiction to hear and determine the application, for:

(a) a declaration that the threats are unjustifiable; and

(b) an injunction against the continuance of the threats; and

(c) the recovery of any damages sustained by the applicant as a result of the threats.

(2) Subsection (1) applies whether or not the person who made the threats is entitled to, or interested in, the patent or a patent application.

Sec 129A **Threats related to an innovation patent application or innovation patent and courts power to grant relief.**

Certain threats of infringement proceedings are always unjustifiable.

(1) If:

(a) a person:

(i) has applied for an innovation patent, but the application has not been determined; or

(ii) has an innovation patent that has not been certified; and

(b) the person, by means of circulars, advertisements or otherwise, threatens a person with infringement proceedings or other similar proceedings in respect of the patent applied for, or the patent, as the case may be;

then, for the purposes of an application for relief under section 128 by the person threatened, the threats are unjustifiable.

Courts power to grant relief in respect of threats made by the applicant for an innovation patent or the patentee of an uncertified innovation patent

(2) If an application under section 128 for relief relates to threats made in respect of an innovation patent that has not been certified or an application for an innovation patent, the court may grant the application the relief applied for.

Courts power to grant relief in respect of threats made by the patentee of certified innovation patent

(3) If an application under section 128 for relief relates to threats made in respect of a certified innovation patent, the court may grant the applicant the relief applied for unless the respondent satisfies the court that the acts about which the threats were made infringed, or would infringe, a claim that is not shown by the applicant to be invalid.

Schedule 1 **Dictionary**

certified, in respect of an innovation patent other than in section 19, means a certificate of examination issued by the Commissioner under paragraph 101E(e) in respect of the patent

Bundesrepublik Deutschland

Urkunde

über die Eintragung des
Gebrauchsmusters Nr. 20 2022 100 491

Bezeichnung:
Eine hybride Betonzusammensetzung

IPC:
C04B 28/00

Inhaber/Inhaberin:
Kumar, Kaushal, Dr., Gurugram, Haryana, IN

Tag der Anmeldung:
28.01.2022

Tag der Eintragung:
03.02.2022

Die Präsidentin des Deutschen Patent- und Markenamts

Cornelia Rudloff-Schäffer

Cornelia Rudloff-Schäffer

München, 03.02.2022

Die Voraussetzungen der Schutzfähigkeit werden bei der Eintragung eines Gebrauchsmusters nicht geprüft.
Den aktuellen Rechtsstand und Schutzumfang entnehmen Sie bitte dem DPMAregister unter www.dpma.de.

1/1

Registrar
K.R. Mangalam University
Sohna Road. Gurugram (Haryana)

Translation

Federal Republic of Germany

Certificate

on the registration
of utility model No. 20 2022 100 491

Designation:
A hybrid concrete composition

IPC:
C04B 28/00

Owner:
Kumar, Kaushal, Dr., Gurugram, Haryana, IN

Day of registration:
28.01.2022

Date of entry: February
3, 2022

The President of the German Patent and Trademark Office

Cornelia Rudloff-Schäffer

Cornelia Rudloff-Schäffer

Munich, February 3rd, 2022

D Prerequisites for protection are not checked when registering a non-Gappeil model. Please refer to the DPMAregist for the current legal status and scope of protection under www.dpma.de

Registrar
K.R. Mangalam University
Sohna Road. Gurugram (Haryana)

Bundesrepublik Deutschland

Urkunde

über die Eintragung des
Gebrauchsmusters Nr. 20 2022 100 604

Bezeichnung:
Intelligentes System zur automatischen Klassifizierung medizinischer Bilder mittels Bildverarbeitung und künstlicher Intelligenz

IPC:
G06V 20/60

Inhaber/Inhaberin:
Agarwal, Pankaj, Dr., Vidisha, MP, IN
Ahmad, Sayed Sayeed, Dr., Sharjah, AE
Ahuja, Vandana, Patiala, Punjab, IN
Anand, Rohit, Panipat, Haryana, IN
Chakravarthi, Dhruva Sreenivasa, Vijayawada, AP, IN
Dhakad, Shrikrishna, Dr., Shivpuri, Madhya Pradesh, IN
Jain, Pallavi, Dr., Noida, UP, IN
Jain, Rituraj, Jodhpur, Rajasthan, IN
Jain, Vipin, Moradabad, UP, IN
Mir, Bilal Ahmed, Dildar Karnah, Jammu and Kashmir, IN
Periyasamy, Muthusamy, Dr., Namakkal, Tamil Nadu, IN
Singh, Harinder, Sangrur, Punjab, IN
Srivastava, Jay Prakash, Dr., Bokaro, Jharkhand, IN

Tag der Anmeldung:
02.02.2022
Tag der Eintragung:
16.02.2022

Registrar
K.R. Mangalam University
Sohna Road. Gurugram (Haryana)

Die Präsidentin des Deutschen Patent- und Markenamts

Cornelia Rudloff-Schäffer

Cornelia Rudloff-Schäffer

München, 16.02.2022

Die Voraussetzungen der Schutzfähigkeit werden bei der Eintragung eines Gebrauchsmusters nicht geprüft.
Den aktuellen Rechtsstand und Schutzumfang entnehmen Sie bitte dem DPMAregister unter www.dpma.de.

Translation

Federal Republic of Germany

Certificate

on the registration of
utility model No. 20 2022 100 604

Designation:
ntelligent system for automatic classification of medical images
using image processing and artificial intelligence

IPC:
G06V 20/60

Owner:

Agarwal, Pankaj, Dr., Vidisha, MP, IN
Ahmad, Sayed Sayeed, Dr., Sharjah, AE
Ahuja, Vandana, Patiala, Punjab, IN
Anand, Rohit, Panipat, Haryana, IN
Chakravarthi, Dhruva Sreenivasa, Vijayawada, AP, IN
Dhakad, Shrikrishna, Dr., Shivpuri, Madhya Pradesh, IN
Jain, Pallavi, Dr., Noida, UP, IN
Jain, Ritu rai, Jodhpur, Rajasthan, IN
Jain, Vipin, Moradabad, UP, IN
Mir, Bilal Ahmed, Dildar Karnah, Jammu and Kashmir, INa
Periyasamy, Muthusamy, Dr., Namakkal, Tamil Nadu, IN
Singh, Harinder, Sangrur, Punjab, IN
Srivastava, Jay Prakash, Dr., Bokaro, Jharkhand, IN

Day of registration:
02.02.2022
Date of entry: February 16, 2022

The President of the German Patent and Trademark Office

Cornelia Rudloff-Schäffer

Cornelia Rudloff-Schäffer

Munich, February 16, 2022

The requirements for protectability are not checked when registering a utility model. The current legal status and scope of protection can be found in the DPMA register at www.dpma.de.

Registrar
K.R. Mangalam University
Sohna Road. Gurugram (Haryana)

PATENT REGISTER SHEET

REPUBLIC OF SOUTH AFRICA | REGISTER OF PATENTS | PATENTS ACT, 1978

Official application No.	Lodging date: Provisional	Acceptance date
21 01 **2021/10209**	22	47 2022/02/02
International classification	Lodging date: Complete	Granted date
51 F24F	23 2021/12/09	2022/02/23

71 Full name(s) of applicant(s)/Patentee(s):

LADE, Rohit Ashok
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MOHANASUNDARAM, Ramkumar
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BHANU, Battu Balaji
Department of Electronics, Andhra Loyola College, Vijayawada, Andhra Pradesh, 520008, India
PATIL, Vijay Narendranath
College of Engineering, HSBVPT's Group of Institutions, Group of Institutions, Kashti, Tal- Shrigonda, Dist-Ahamadnagar, Maharashtra, 414701, India
SUBRAMANIAN, Muthukumar
Sri Siddhartha Academy of Higher Education, Tumkuru, Karnataka, 572107, India

71 Applicant substitued:	Date registrered
71 Assignee(s):	Date registrered

72 Full name(s) of inventor(s):

LADE, Rohit Ashok
MOHANASUNDARAM, Ramkumar
DADHEECH, Pankaj
SHETTY, Niyat
URKUDE, Ashish Manohar
HAQUE, Mahmudul
PALLIVALAPPIL, Abdul Shareef
DAHIYA, Vineet
ROUT, Sandeep
BHANU, Battu Balaji
PATIL, Vijay Narendranath
SUBRAMANIAN, Muthukumar

Priority claimed:	Country	Number	Date

54 Title of invention

SMART MONITORING AND CONTROL OF AN INDOOR VEGETATION ENVIRONMENT SYSTEM USING ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING APPROACH

Address of applicant(s)/patentee(s):

Department of Chemical Engineering, Parul University, Vadodara, Gujarat, 391760
INDIA

Registrar
K.R. Mangalam University
Sohna Road. Gurugram (Haryana)

Department of Computer Science & Engineering, HKBK College of Engineering, No.22/1, Opposite, Manyata Tech Park Rd, Vyalikaval Society, Vyalikaval HBCS Layout, Nagavara, Bengaluru, Karnataka, 560045 INDIA Department of Computer Science & Engineering, Swami Keshvanand Institute of Technology, Management &Gramothan (SKIT), Jagatpura, Jaipur, Rajasthan, 302017 INDIA Management Department, Sasmira's Business School, Mumbai, Maharashtra, 400030 INDIA IJORD Group, Nagpur, Maharashtra, 440012 INDIA Department of Botany & Forestry, Vidyasagar University, Vidyasagar University Rd, Rangamati, Midnapore, West Bengal, 721102 INDIA College of Computer Science and Information Science, Srinivas University, Srinivas Nagar, Mukka, Surathkal, Mangalore, 574146 INDIA Department of Electrical and Electronics Engineering, School of Engineering and Technology, K R Mangalam University, Sohna Rd, Sohna Rural, Haryana, 122103 INDIA Faculty of Agriculture, Sri Sri University, Cuttack, Odisha, 754006 INDIA Department of Electronics, Andhra Loyola College, Vijayawada, Andhra Pradesh, 520008 INDIA College of Engineering, HSBVPT's Group of Institutions, Group of Institutions, Kashti, Tal- Shrigonda, Dist-Ahamadnagar, Maharashtra, 414701 INDIA Sri Siddhartha Academy of Higher Education, Tumkuru, Karnataka, 572107 INDIA	
74	Address for service
WOLMARANS AND SUSAN INCORPORATED 337 Surrey Avenue, Randburg, 2194 SOUTH AFRICA Reference No.	
61 Patent of addition No.	Date of any change
Fresh application based on.	Date of any change

Registrar
K.R. Mangalam University
Sohna Road. Gurugram (Haryana)

RENEWAL SHEET

Year	Payment Date	Receipt Number	Amount

HISTORY SHEET

Date entry made	Description
2021-12-10	Request for the acceptance of a Patent electronically filed on 9/12/2021, numbered 2021/10209
2021-12-10	Proof reading performed automatically
2022-02-02	Application accepted on 2/2/2022.
2022-02-24	Patent advertised on 23-02-2022.
2022-02-24	Patent granted on 23-02-2022.

Registrar
K.R. Mangalam University
Sohna Road. Gurugram (Haryana)

REPUBLIC OF SOUTH AFRICA

REPUBLIEK VAN SUID AFRIKA

PATENTS ACT, 1978

CERTIFICATE

In accordance with section 44 (1) of the Patents Act, No. 57 of 1978, it is hereby certified that:

DR. NAMITA MISHRA; DR. ANITA SHARMA; DR. RASHMI SINGEL; DR. AJAY PRATAP SINGH; DR. SAYYAD MAHEJABIN DILDAR; DR. MOHAMMED ABDUL RAFFEY; DR. INDRAJEET RAMDAS BHAGAT; DR. SANJAY BHASKAR KALAMKAR; DR. DEBJANI BANERJEE; DR. PRADIP KUMAR MITRA; DR. SACHIN DESHMUKH; PROF. RAMESH CHANDRA PANDA

Has been granted a patent in respect of an invention described and claimed in complete specification deposited at the Patent Office under the number

2021/08888

A copy of the complete specification is annexed, together with the relevant Form P2.

In testimony thereof, the seal of the Patent Office has been affixed at Pretoria with effect from the **30th** day of **March 2022**

.....
Registrar of Patents

Registrar
K.R. Mangalam University
Sohna Road. Gurugram (Haryana)

Bundesrepublik Deutschland

Urkunde

über die Eintragung des
Gebrauchsmusters Nr. 20 2022 102 589

Bezeichnung:

Ein intelligentes Unterstützungssystem (AapdaSetu) zur Verbesserung der Qualität des Dienstes für intelligente Entscheidungen und zur Lösung von Problemen

IPC:

G06F 40/35

Inhaber/Inhaberin:

Bansal, Shweta, Dr., Gurugram, IN
Khatkar, Monika, Gurugram, IN
Kumar, Kaushal, Dr., Gurugram, IN
Raghav, Yogita Yashveer, Gurugram, IN
Sinha, Shweta, Dr., Gurugram, IN

Tag der Anmeldung:

12.05.2022

Tag der Eintragung:

26.07.2022

Registrar
K.R. Mangalam University
Sohna Road. Gurugram (Haryana)

Die Präsidentin des Deutschen Patent- und Markenamts

Cornelia Rudloff-Schäffer

München, 26.07.2022

DEUTSCHES PATENT- UND MARKENAMT

Die Voraussetzungen der Schutzfähigkeit werden bei der Eintragung eines Gebrauchsmusters nicht geprüft.
Den aktuellen Rechtsstand und Schutzumfang entnehmen Sie bitte dem DPMAregister unter www.dpma.de.

Translation

Federal Republic of Germany

Certificate

on the registration
of utility model No. 20 2022 102 589

Designation:
telligent support system (AapdaSetu) to improve the
ty of service for intelligent decisions and solving
Issues

IPC:
G06F 40/35

Owner:
Bansal, Shweta, Dr., Gurugram, IN
Khatkar, Monika, Gurugram, IN
Kumar, Kaushal, Dr., Gurugram, IN
Raghav, Yogita Yashveer, Gurugram, IN
Sinha, Shweta, Dr., Gurugram, IN

Day of registration:
May 12, 2022

Date of entry: July
26, 2022

The President of the German Patent and Trademark Office

Cornelia Rudloff-Schäffer

Cornelia Rudloff-Schäffer

Munich, July 26, 2022

The requirements for protectability are not checked when registering a utility model. The current legal status and scope of protection can be found in the PMAregister at www.dpma.d

Registrar
K.R. Mangalam University
Sohna Road. Gurugram (Haryana)

Bundesrepublik Deutschland

Urkunde

über die Eintragung des Gebrauchsmusters Nr. 20 2022 104 468

Bezeichnung:
Ein neuartiges IoT-basiertes nachhaltiges System zur Behandlung von medizinischen Abfällen

IPC:
B09B 3/40

Inhaber/Inhaberin:
Barwa, Manjeet Singh, Dr., Delhi, IN
Barwa, Shubhra, Dr., Delhi, IN
Gaikwad, Arun Hari, Dr., Ghulewadi, Maharashtra, IN
Kumawat, Bhawesh, Dr., Udaipur, Rajasthan, IN
Mohan, Chandra, Dr., Gurugram, Haryana, IN
Negi, Vipul, Dehradun, Uttarakhand, IN
Panda, Ramesh Chandra, Prof., Bhubaneswar, Odisha, IN
Ravindran, Sharanya, Dr., Chennai, Tamil Nadu, IN
Saini, Garima, Delhi, IN
Saini, Rita, Dehradun, Uttarakhand, IN
Singh, Reena, Dr., Gurugram, Haryana, IN
Trivedi, Rohit Kumar, Dehradun, Uttarakhand, IN
Veerapandian, Akila, Dr., Chennai, Tamil Nadu, IN

Tag der Anmeldung:
05.08.2022

Tag der Eintragung:
19.08.2022

Registrar
K.R. Mangalam University
Sohna Road. Gurugram (Haryana)

Die Präsidentin des Deutschen Patent- und Markenamts

Cornelia Rudloff-Schäffer

Cornelia Rudloff-Schäffer

München, 19.08.2022

DEUTSCHES PATENT- UND MARKENAMT

Die Voraussetzungen der Schutzfähigkeit werden bei der Eintragung eines Gebrauchsmusters nicht geprüft.
Den aktuellen Rechtsstand und Schutzumfang entnehmen Sie bitte dem DPMAregister unter www.dpma.de.

Translation

Federal Republic of Germany

Certificate

on the registration of
utility model No. 20 2022 104 468

Designation:
A novel IoT-based sustainable system for the treatment of medical waste

IPC:
B09B 3/40

Owner:
Barwa, Manjeet Singh, Dr., Delhi, IN
Barwa, Shubhra, Dr., Delhi, IN
Gaikwad, Arun Hari, Dr., Ghulewadi, Maharashtra, IN
Kumawat, Bhawesh, Dr., Udaipur, Rajasthan, IN
Mohan, Chandra, Dr., Gurugram, Haryana, IN
Negi, Vipul, Dehradun, Uttarakhand, IN
Panda, Ramesh Chandra, Prof., Bhubaneswar, Odisha, IN
Ravindran, Sharanya, Dr., Chennai, Tamil Nadu, IN
Saini, Garima, Delhi, IN
Saini, Rita, Dehradun, Uttarakhand, IN
Singh, Reena, Dr., Gurugram, Haryana, IN
Trivedi, Rohit Kumar, Dehradun, Uttarakhand, IN
Veerapandian, Akila, Dr., Chennai, Tamil Nadu, IN

Day of registration:
August 5th, 2022

Date of entry: August 19, 2022

The President of the German Patent and Trademark Office

Cornelia Rudloff-Schäffer

Munich, August 19, 2022

The requirements for protectability are not checked when registering the smoke pattern. The current legal status and scope of protection can be found in the OpMAregister at www.dpma.de.

Registrar
K.R. Mangalam University
Sohna Road. Gurugram (Haryana)

Bundesrepublik Deutschland

Urkunde

über die Eintragung des
Gebrauchsmusters Nr. 20 2022 104 822

Bezeichnung:

Ein System zur Stickstofffixierung von Pflanzen unter Feuchtigkeitsstress durch Blattapplikation von KNO3

IPC:

A01C 1/00

Inhaber/Inhaberin:

Barwa, Manjeet Singh, Dr., New Delhi, IN
Mohan, Chandra, Dr., Gurugram, Haryana, IN
Singh, Amita, Dr., Gurugram, Haryana, IN
Singh, Harjodh, Dr., Chandigarh, IN
Singh, Reena, Dr., Gurugram, Haryana, IN
Singh, Shailja, Dr., Delhi, IN

Tag der Anmeldung:

26.08.2022

Tag der Eintragung:

26.09.2022

Registrar
K.R. Mangalam University
Sohna Road. Gurugram (Haryana)

Die Präsidentin des Deutschen Patent- und Markenamts

Cornelia Rudloff-Schäffer

München, 26.09.2022

DEUTSCHES PATENT- UND MARKENAMT

Die Voraussetzungen der Schutzfähigkeit werden bei der Eintragung eines Gebrauchsmusters nicht geprüft.
Den aktuellen Rechtsstand und Schutzumfang entnehmen Sie bitte dem DPMAregister unter www.dpma.de.

Translation

Federal Republic of Germany

Certificate

on the registration
of utility model No. 20 2022 104 822

Designation:

em for nitrogen fixation vor in plants under moisture stress thro
foliar application of KNO3

IPC:
A01C 1/00

Owner:

Color, Manjeet Singh, Dr., New Delhi, IN
Mohan, Chandra, Dr., Gurugram, Haryana, IN
Singh, Amita, Dr., Gurugram, Haryana, IN
Singh, Harjodh, Dr., Chandigarh, IN
Singh, Reena, Dr., Gurugram, Haryana, IN
Singh, Shailja Dr., Delhi, IN

Day of registration:
August 26, 2022

Date of entry: September
26, 2022

The President of the German Patent and Trademark Office

Cornelia Rudloff-Schäffer

Cornelia Rudloff-Schäffer

Munich, September 26, 2022

The requirements for protectability are not checked when registering a utility model. The curre
legal status and scope of protection can be found in the DPMA register at www.dpma.de.

Registrar
K.R. Mangalam University
Sohna Road. Gurugram (Haryana)

REPUBLIC OF SOUTH AFRICA

REPUBLIEK VAN SUID AFRIKA

PATENTS ACT, 1978

CERTIFICATE

accordance with section 44 (1) of the Patents Act, No. 57 of 1978, it is hereby certified that:

. PANKAJ DADHEECH; DR. CHANDRA MOHAN; DR. ANOOP YADAV; DR. SMRITI NDON; DR. ROMICA BHAT; HARMEET KAUR KOCHHAR; DR. K RAMAKRISHNA; DR. SUMAN KUMARI; DR. POONAM SINGHAL; DR. TENZIN WANGPO; PROF. HITAL GUJARATHI; DR. PREETI KULKARNI; DR. M. G. SUMITHRA; DR. PAWAN KUMAR ROSE; PROF. RAMESH CHANDRA PANDA

Has been granted a patent in respect of an invention described and claimed in complete specification deposited at the Patent Office under the number

2022/07879

copy of the complete specification is annexed, together with the relevant Form P2.

In testi thereof, the seal of the Patent Office has been affixed at Pretoria with effect from the 28th day of **September 2022**

.....
Registrar of Patents

Registrar
K.R. Mangalam University
Sohna Road. Gurugram (Haryana)

Bundesrepublik Deutschland

Urkunde

über die Eintragung des Gebrauchsmusters Nr. 20 2022 105 965

Bezeichnung:

Ein modifiziertes, auf einem numerischen Strömungsmodell basierendes System zur Untersuchung der Ausbreitung von Luftschadstoffen im Mikrobereich

IPC:

G06F 30/28

Inhaber/Inhaberin:

Boadh, Rahul, Dr., Meerut, Uttar Pradesh, IN
Chauhan, Sakshi, Ghaziabad, Uttar Pradesh, IN
Jha, Abhimanyu Kumar, Dr., Ghaziabad, Uttar Pradesh, IN
Kumari, Sarla, Dr., Ajmer, Rajasthan, IN
Malini, Palani Singaram Geetha, Dr., Chennai, Tamil Nadu, IN
Mathur, Runjhun, Ghaziabad, Uttar Pradesh, IN
Mohan, Chandra, Dr., Gurugram, Haryana, IN
Robinson, Jenifer, Muscat, OM
Singh, Reena, Dr., Gurugram, Haryana, IN
Swarnkar, Pawan Kumar, Kota, Rajasthan, IN
Vodwal, Lata, Dr., Rohini, Delhi, IN
Yadav, Komal, Dr., Gurugram, Haryana, IN

Tag der Anmeldeung:
21.10.2022

Tag der Eintragung:
15.11.2022

Registrar
K.R. Mangalam University
Sohna Road. Gurugram (Haryana)

Die Präsidentin des Deutschen Patent- und Markenamts

Cornelia Rudloff-Schäffer
München, 15.11.2022

DEUTSCHES PATENT- UND MARKENAMT

Die Voraussetzungen der Schutzfähigkeit werden bei der Eintragung eines Gebrauchsmusters nicht geprüft.
Den aktuellen Rechtsstand und Schutzumfang entnehmen Sie bitte dem DPMAregister unter www.dpma.de.

Translation

ederal Republic of Germany

Certificate

on the registration
f utility model No. 20 2022 105 965

Designation:
d system based on a numerical flow model to investigate the spread of air pollutants on a microscale

IPC:
G06F 30/28

Owner:
Boadh, Rahul, Dr., Meerut, Uttar Pradesh, IN
Chauhan, Sakshi, Ghaziabad, Uttar Pradesh, IN
Jha, Abhimanyu Kumar, Dr., Ghaziabad, Uttar Pradesh, IN
Kumari, Sarla, Dr., Ajmer, Rajasthan, IN
Malini, Palani Singaram Geetha, Dr., Chennai, Tamil Nadu, IN
Mathur, Runjhun, Ghaziabad, Uttar Pradesh, IN
Mohan, Chandra, Dr., Gurugram, Haryana, IN
Robinson, Jenifer, Muscat, OM
Singh, Reena, Dr., Gurugram, Haryana, IN
Swarnkar, Pawan Kumar, Kota, Rajasthan, IN
Vodwal, Lata, Dr., Rohini, Delhi, IN
Yadav, Komal, Dr., Gurugram, Haryana, IN

Registration date: October
21, 2022

Date of entry: November
15, 2022

The President of the German Patent and Trademark Office

Cornelia Rudloff-Schäffer

Cornelia Rudloff-Schäffer
München, 15.11.2022

he requirements for protectability are not checked when registering a utility model. Please efer to the DPMA register at www.dpma.de for the current legal status and scope of protection.

Registrar
K.R. Mangalam University
Sohna Road. Gurugram (Haryana)

Bundesrepublik Deutschland

Urkunde

über die Eintragung des Gebrauchsmusters Nr. 20 2022 105 576

Bezeichnung:

Ein System zur Unterscheidung von Ausbreitungsmustern von Luftschadstoffen mit Hilfe einer Hybridtechnik

IPC:

G06F 30/20

Inhaber/Inhaberin:

Boadh, Rahul, Dr.,
Meerut, Uttar Pradesh, IN
Kaur, Kuljinder, Dr., Sonipat, Haryana, IN
Kumar, Kapil, Delhi, IN
Kumar, Parveen, Sonipat, Haryana, IN
Kumar, Satish, Meerut, Uttar Pradesh, IN
Kumar, Satish, Dr.,
Hapur, Uttar Pradesh, IN
Kumar, Umesh, Dr.,
Meerut, Uttar Pradesh, IN
Kumari, Komal, Delhi, IN
Meena, Bhandari, Dr.,
Gurugram, Haryana, IN
Prasad, Jai Shankar, Muzaffarpur, Bihar, IN
Sharma, Arun, Sonipat, Haryana, IN
Singh, Jitendra, Jalaun, Uttar Pradesh, IN
Yadav, Anil, Dr., Sonipat, Haryana, IN

Tag der Anmeldung:

01.10.2022

Tag der Eintragung:

17.11.2022

Registrar
K.R. Mangalam University
Sohna Road. Gurugram (Haryana)

Die Präsidentin des Deutschen Patent- und Markenamts

Cornelia Rudloff-Schäffer

Cornelia Rudloff-Schäffer

München, 17.11.2022

Die Voraussetzungen der Schutzfähigkeit werden bei der Eintragung eines Gebrauchsmusters nicht geprüft.
Den aktuellen Rechtsstand und Schutzumfang entnehmen Sie bitte dem DPMAregister unter www.dpma.de.

Translation

Federal Republic of Germany

Certificate

on the registration of
utility model No. 20 2022 105 576

Designation:

A system for distinguishing dispersal patterns of air pollutants using a hybrid technique

IPC:
G06F 30/20

Owner:

Boadh, Rahul, Dr.,
Meerut, Uttar Pradesh, IN
ır, Kuljinder, Dr., Sonipat, Haryana, IN
Kumar, Kapil, Delhi, IN
umar, Parveen, Sonipat, Haryana, IN
nar, Satish, Meerut, Uttar Pradesh, IN
Kumar, Satish, Dr.,
Hapur, Uttar Pradesh, IN
Kumar, Umesh, Dr.,
Meerut, Uttar Pradesh, IN
Kumari, Komal, Delhi, IN
Meena, Bhandari, Dr.,
Gurugram, Haryana, IN
Prasad, Jai Shankar, Muzaffarpur, E
Sharma, Arun, Sonipat, Haryana
Singh, Jitendra, Jalaun, Uttar Prad
Yadav, Anil, Dr., Sonipat, Haryan

Day of registration:
October 1st, 2022

Date of entry: November 17, 2022

The President of the German Patent and Trademark Office

Comelia R-two-Slapper

Cornelia Rudloff-Schäffer

ATENT AND

Munich, November 17, 2022

The requirements for protectability are not checked when registering a utility model. The current legal status and scope of protection can be found in the DPMA register at www.dpma.

Registrar
K.R. Mangalam University
Sohna Road. Gurugram (Haryana)

Bundesrepublik Deutschland

Urkunde

über die Eintragung des Gebrauchsmusters Nr. 20 2022 106 098

Bezeichnung:
System zum Nachweis von durch Lebensmittel übertragenen Krankheitserregern (Salmonellen)

IPC:
G01N 33/02

Inhaber/Inhaberin:
Boadh, Rahul, Dr., Meerut, Uttar Pradesh, IN
Chaudhary, Reeti, Dr., Sonipat, Haryana, IN
Dehiya, Brijnandan Singh, Dr., Sonipat, Haryana, IN
Gautam, Archana, New Delhi, IN
Kaur, Anupreet, Dr., Mohali, Punjab, IN
Kaur, Kuljinder, Dr., Sonipat, Haryana, IN
Kumar, Umesh, Dr., Meerut, Uttar Pradesh, IN
Prasad, Jai Shankar, Muzaffarpur, Bihar, IN
Sharma, Meenakshi, West Delhi, Delhi, IN
Singh, Jatinder, Dr., Sangrur, Punjab, IN
Singh, Surinder, Dr., Jalandhar, Punjab, IN
Singh, Triratan, Meerut, Uttar Pradesh, IN
Yadav, Anil, Dr., Sonipat, Haryana, IN

Tag der Anmeldung:
29.10.2022

Tag der Eintragung:
29.11.2022

Registrar
K.R. Mangalam University
Sohna Road. Gurugram (Haryana)

Die Präsidentin des Deutschen Patent- und Markenamts

Cornelia Rudloff-Schäffer
München, 29.11.2022

DEUTSCHES PATENT- UND MARKENAMT

Die Voraussetzungen der Schutzfähigkeit werden bei der Eintragung eines Gebrauchsmusters nicht geprüft.
Den aktuellen Rechtsstand und Schutzumfang entnehmen Sie bitte dem DPMAregister unter www.dpma.de.

Translation

Federal Republic of Germany

Certificate

on the registration of utility model No. 20 2022 106 098

Designation:
System for detecting food-borne pathogens (Salmonella)

IPC:
G01N 33/02

Owner:
Boadh, Rahul, Dr., Meerut, Uttar Pradesh, IN
Chaudhary, Reeti Dr., Sonipat, Haryana, IN
Dehiya, Brijnandan Singh, Dr., Sonipat, Haryana, IN
Gautam, Archana, New Delhi, IN
Kaur, Anupreet, Dr., Mohali, Punjab, IN
Kaur, Kuljinder, Dr., Sonipat, Haryana, IN
Kumar, Umesh, Dr., Meerut, Uttar Pradesh, IN
Prasad, Jai Shankar, Muzaffarpur, Bihar, IN
Sharma, Meenakshi, West Delhi, Delhi, IN
Singh, Jatinder Dr., Sangrur, Punjab, IN
Singh, Surinder, Dr., Jalandhar, Punjab, IN
Singh, Triratan, Meerut, Uttar Pradesh, IN
Yadav, Anil, Dr., Sonipat, Haryana, IN

Day of registration:
29.10.2022
Date of entry:
29.11.2022

The President of the German Patent and Trademark Office

Cornelia Rudloff-Schäffer

Cornelia Rudloff-Schäffer
Munich, November 29, 2022

The requirements for protectability are not checked when registering a utility model. The current legal status and scope of protection can be found in the DPMA register at www.dpma.de.

Registrar
K.R. Mangalam University
Sohna Road. Gurugram (Haryana)

PATENT REGISTER SHEET

REPUBLIC OF SOUTH AFRICA | REGISTER OF PATENTS | PATENTS ACT, 1978

Official application No.	Lodging date: Provisional	Acceptance date
21 01 **2022/09665**	22	47 2022/10/04
International classification	Lodging date: Complete	Granted date
51 A61B	23 2022/08/30	2022/11/30

71 Full name(s) of applicant(s)/Patentee(s):

Dr. Rahul Boadh
Assistant Professor, Department of Mathematics, K. R. Mangalam University, Sohna Road, Gurugram, Haryana, 122103, India
Dr. Kuljinder Kaur
Lab Incharge, National Institute of Food Technology Entrepreneurship and Management, Kundli, Sonipat, Haryana, 131028, India
Dr. Surinder Singh
Assistant Professor, Dr. S. S. Bhatnagar University Institute of Chemical Engineering and Technology, Panjab University, Chandigarh, 160014, India
Archana Gautam
Senior Analyst, Centre for food research and analysis, National Institute of Food Technology Entrepreneurship and Management, Kundli, Sonipat, Haryana, 131028, India
Dr. Kulwinder Singh Parmar
Assistant Professor, Mathematical Sciences, I K Gujral Punjab Technical University, Punjab, India
Dr. Anil Yadav
Associate Professor, Chemical Engineering, Deenbandhu Chhotu Ram University of Science and Technology, Murthal, Sonipat, Haryana, 131027, India
Dr Jatinder Singh
Assistant Professor, Department of Chemistry, Guru Nanak College Budhlada, Affiliated to Punjabi University Patiala, District Mansa, Punjab, 151502, India
Dr. Dhruva Kumar
Assistant Professor, Department of Chemistry, Guru Nanak College Budhlada, Affiliated to Punjabi University Patiala, District Mansa, Punjab, 151502, India
Dr. Mamta Bhagat
Assistant Professor, Chemical Engineering, Deenbandhu Chhotu Ram University of Science and Technology, Murthal, Sonipat, Haryana, 131027, India
VINAY ARORA
Assistant Professor, Department of Applied Sciences, UIET, Panjab University SSG Regional Centre, Hoshiarpur, Affiliation: Panjab University, Chandigarh, Punjab, 146023, India
Dr. Satish Kumar
Assistant Professor, Department of Applied Sciences, UIET, Panjab University SSG Regional Centre, Hoshiarpur, Affiliated to Panjab University Chandigarh, Punjab, India

71 Applicant substitued:	Date registrered

71 Assignee(s):	Date registrered

72 Full name(s) of inventor(s):

Dr. Rahul Boadh
Dr. Kuljinder Kaur
Dr. Surinder Singh
Archana Gautam
Dr. Kulwinder Singh Parmar
Dr. Anil Yadav
Dr Jatinder Singh
Dr. Dhruva Kumar
Dr. Mamta Bhagat
VINAY ARORA
Dr. Satish Kumar

Registrar
K.R. Mangalam University
Gurugram (Haryana)

Priority claimed:	Country	Number	Date

54 Title of invention

A SYSTEM FOR MONITORING REALTIME HEALTH CONDITION OF A PATIENT AND A METHOD THEREOF

Address of applicant(s)/patentee(s):

Assistant Professor, Department of Mathematics, K. R. Mangalam University, Sohna Road, Gurugram, Haryana, 122103
INDIA
Lab Incharge, National Institute of Food Technology Entrepreneurship and Management, Kundli, Sonipat, Haryana, 131028
INDIA
Assistant Professor, Dr. S. S. Bhatnagar University Institute of Chemical Engineering and Technology, Panjab University, Chandigarh, 160014
INDIA

Senior Analyst, Centre for food research and analysis, National Institute of Food Technology Entrepreneurship and Management, Kundli, Sonipat, Haryana, 131028 INDIA Assistant Professor, Mathematical Sciences, I K Gujral Punjab Technical University, Punjab INDIA Associate Professor, Chemical Engineering, Deenbandhu Chhotu Ram University of Science and Technology, Murthal, Sonipat, Haryana, 131027 INDIA Assistant Professor, Department of Chemistry, Guru Nanak College Budhlada, Affiliated to Punjabi University Patiala, District Mansa, Punjab, 151502 INDIA Assistant Professor, Department of Chemistry, Guru Nanak College Budhlada, Affiliated to Punjabi University Patiala, District Mansa, Punjab, 151502 INDIA Assistant Professor, Chemical Engineering, Deenbandhu Chhotu Ram University of Science and Technology, Murthal, Sonipat, Haryana, 131027 INDIA Assistant Professor, Department of Applied Sciences, UIET, Panjab University SSG Regional Centre, Hoshiarpur, Affiliation: Panjab University, Chandigarh, Punjab, 146023 INDIA Assistant Professor, Department of Applied Sciences, UIET, Panjab University SSG Regional Centre, Hoshiarpur, Affiliated to Panjab University Chandigarh, Punjab INDIA
74 Address for service
Wolmarans and Susan Inc. 337 Surrey Avenue, Randburg, 2194 SOUTH AFRICA Reference No.

61 Patent of addition No.	Date of any change
Fresh application based on.	**Date of any change**

Registrar
K.R. Mangalam University
Sohna Road. Gurugram (Haryana)

RENEWAL SHEET

Year	Payment Date	Receipt Number	Amount

HISTORY SHEET

Date entry made	Description
2022-08-31	Request for the acceptance of a Patent electronically filed on 30/8/2022, numbered 2022/09665
2022-08-31	Proof reading performed automatically
2022-10-04	Application accepted on 4/10/2022.
2022-12-01	Patent advertised on 30-11-2022.
2022-12-01	Patent granted on 30-11-2022.

Registrar
K.R. Mangalam University
Sohna Road. Gurugram (Haryana)

PATENT REGISTER SHEET

REPUBLIC OF SOUTH AFRICA | REGISTER OF PATENTS | PATENTS ACT, 1978

Official application No.	Lodging date: Provisional	Acceptance date
21 01 **2022/11443**	22	47 2022/11/24
International classification	Lodging date: Complete	Granted date
51 G01N	23 2022/10/19	2022/12/21

71 Full name(s) of applicant(s)/Patentee(s):

Dr. Rahul Boadh
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(Head of the Department) Associate Professor, Department of Geography, Digamber Jain College, Baraut (Baghpat), Ch. Charan Singh University Meerut, Uttar Pradesh, India
Dr. Anil Yadav
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Assistant Professor, Department of Applied Sciences, UIET, Panjab University SSG Regional Centre, Hoshiarpur (Affiliated to Panjab University, Chandigarh), Punjab, India
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Assistant Professor, UIET, Panjab University SSG Regional Centre Hoshiarpur, Punjab, 146023, India
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Parveen Kumar
Senior Manager, Indian Oil Corporation, 7994 St no 15 Durga Puri Haibowal kalan Ludhiana, Panjab, 141001, India

71 Applicant substitued:	Date registrered

71 Assignee(s):	Date registrered

72 Full name(s) of inventor(s):

Dr. Rahul Boadh
Dr. Surinder Singh
Dr. Renu Devi
Dr. Anil Yadav
Dr. Satish Kumar
Dr. Soniya
Dr. SUKHVINDER SINGH BAMBER
Dr. Neelam Sharma
VINAY ARORA
Neeraj Sharma
Dr. Umesh Kumar
Parveen Kumar

Registrar
K.R. Mangalam University
Sohna Road. Gurugram (Haryana)

Priority claimed:	Country	Number	Date

54 Title of invention

A COUPLING TECHNIQUE BASED SYSTEM FOR STUDYING THE POLLUTANTS EMITTED FROM VEHICLES

Address of applicant(s)/patentee(s):

Assistant Professor, Department of Mathematics, K. R. Mangalam University, Sohna Road, Gurugram, Haryana, 122103
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Assistant Professor, Dr. S. S. Bhatnagar University Institute of Chemical Engineering and Technology, Panjab University, Chandigarh, 160014

INDIA
(Head of the Department) Associate Professor, Department of Geography, Digamber Jain College, Baraut (Baghpat), Ch. Charan Singh University Meerut, Uttar Pradesh
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Associate Professor, Chemical Engineering, Deenbandhu Chhotu Ram University of Science and Technology, Murthal, Sonipat, Haryana, 131027
INDIA
Assistant Professor, Department of Applied Sciences, UIET, Panjab University SSG Regional Centre, Hoshiarpur (Affiliated to Panjab University, Chandigarh), Punjab
INDIA
Research Scholar, Applied Mathematics and Scientific Computing Department, Saharanpur Campus, I.I.T. Roorkee, Uttar Pradesh
INDIA
ASSISTANT PROFESSOR, DEPARTMENT OF COMPUTER SCIENCE ENGINEERING, PANJAB UNIVERSITY SSG REGIONAL CENTRE, HOSHIARPUR
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INDIA
Assistant Professor, Department of Applied Sciences, UIET, Panjab University SSG Regional Centre, Hoshiarpur (Affiliated to Panjab University, Chandigarh), Punjab, 146023
INDIA
Assistant Professor, UIET, Panjab University SSG Regional Centre Hoshiarpur, Punjab, 146023
INDIA
Food Analyst, Department Food safety and Drug Administration, Uttar Pradesh
INDIA
Senior Manager, Indian Oil Corporation, 7994 St no 15 Durga Puri Haibowal kalan Ludhiana, Panjab, 141001
INDIA

74	Address for service

Wolmarans and Susan Inc.
337 Surrey Avenue, Randburg, 2194
SOUTH AFRICA
Reference No.

61	Patent of addition No.	Date of any change

Fresh application based on.	Date of any change

Registrar
K.R. Mangalam University
Sohna Road. Gurugram (Haryana)

RENEWAL SHEET

Year	Payment Date	Receipt Number	Amount

HISTORY SHEET

Date entry made	Description
2022-10-20	Request for the acceptance of a Patent electronically filed on 19/10/2022, numbered 2022/11443
2022-10-20	Proof reading performed automatically
2022-11-24	Application accepted on 24/11/2022.
2022-12-22	Patent advertised on 21-12-2022.
2022-12-22	Patent granted on 21-12-2022.

Registrar
K.R. Mangalam University
Sohna Road. Gurugram (Haryana)

Intellectual Property Office

Certificate of Registration for a UK Design

Design number: 6256044

Grant date: 29 January 2023

Registration date: 18 January 2023

This is to certify that,

in pursuance of and subject to the provision of Registered Designs Act 1949, the design of which a representation or specimen is attached, had been registered as of the date of registration shown above in the name of

DR. ATUL AGNIHOTRI, PROF. (DR.) RAM KINKAR PANDEY, DR. NIRAJ UPADHAYAYA, DR. RAVI KUMAR GUNTU, VINEET DAHIYA, DR. S. VANITHAMANI, UDIT MAMODIYA

in respect of the application of such design to:

Automatically Cup Management and Filing Machine

International Design Classification:
Version: 14-2023
Class: 15 MACHINES, NOT ELSEWHERE SPECIFIED
Subclass: 10 MACHINERY FOR FILLING, PACKING OR PACKAGING

Adam Williams

Adam Williams
Comptroller-General of Patents, Designs and Trade Marks
Intellectual Property Office
The attention of the Proprietor(s) is drawn to the important notes overleaf.

THE PATENT OFFICE OFFICIAL

Registrar
K.R. Mangalam University
Sohna Road. Gurugram (Haryana)

Intellectual Property Office

Certificate of Registration for a UK Design

Design number: 6262632

Grant date: 28 February 2023

Registration date: 16 February 2023

This is to certify that,

in pursuance of and subject to the provision of Registered Designs Act 1949, the design of which a representation or specimen is attached, had been registered as of the date of registration shown above in the name of

Dr. Virendra Kumar Hari Lal, Dr. Surendra Kumar Yadav Mahesh Yadav, Dr.

Nishant Kumar Singh Arun Kumar Singh, Dr. Lalta Prasad Shri Kanchhi Lal,

Prem Charles Immanuel

in respect of the application of such design to:

Touch and Clickwheel Controlled Thermostat for Floor Heating System

International Design Classification:
Version: 14-2023
Class: 10 CLOCKS AND WATCHES AND OTHER MEASURING INSTRUMENTS, CHECKING AND SIGNALLING INSTRUMENTS
Subclass: 04 OTHER MEASURING INSTRUMENTS, APPARATUS AND DEVICES

Adam Williams

Adam Williams
Comptroller-General of Patents, Designs and Trade Marks
Intellectual Property Office
The attention of the Proprietor(s) is drawn to the important notes overleaf.

THE PATENT OFFICE OFFICIAL

Registrar
K.R. Mangalam University
Sohna Road. Gurugram (Haryana)

Intellectual Property Office

Certificate of Registration for a UK Design

Design number: 6268246

Grant date: 21 March 2023

Registration date: 14 March 2023

This is to certify that,

in pursuance of and subject to the provision of Registered Designs Act 1949, the design of which a representation or specimen is attached, had been registered as of the date of registration shown above in the name of

Dr. Anurag Shrivastava , Dr. Lata Vodwal , Dr. Swati Gupta , Dr. Chandra

Mohan, Dr Rashel Sarkar , Sumanta Bhattacharya, Dr Vinod Kumar , Mrs Puja

Varsha

in respect of the application of such design to:

INTELLIGENT SENSOR BASED BIODEGRADABLE WASTE COLLECTION

UNIT

International Design Classification:
Version: 14-2023
Class: 09 PACKAGING AND CONTAINERS FOR THE TRANSPORT OR HANDLING OF GOODS
Subclass: 09 REFUSE AND TRASH CONTAINERS AND STANDS THEREFOR

Adam Williams

Adam Williams
Comptroller-General of Patents, Designs and Trade Marks
Intellectual Property Office
The attention of the Proprietor(s) is drawn to the important notes overleaf.

Registrar
K.R. Mangalam University
Sohna Road. Gurugram (Haryana)

REPUBLIC OF SOUTH AFRICA

REPUBLIEK VAN SUID AFRIKA

PATENTS ACT, 1978

CERTIFICATE

In accordance with section 44 (1) of the Patente Act, No. 57 of 1978, it is hereby certified that:

Dr. Pankaj Gupta; Dr. Pugazhenthan Thangaraju; Dr. Ajay Pal Singh; Dr. A. R. Vijayakumar; Dr. R. Sudhakar; Dr. Sundararajan G; Dr. N. Delhiraj; Dr. Nitin Kumar; Dr. Amit Chawla

Has been granted a patent in respect of an invention described and claimed in complete specification deposited at the Patent Office under the number

2022/12257

A copy of the complete specification is annexed, together with the relevant Form P2.

In testimony thereof, the seal of the Patent Office has been affixed at Pretoria with effect from the 29th day of March 2023

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Registrar of Patents

Registrar
K.R. Mangalam University
Sohna Road, Gurugram (Haryana)

PATENT REGISTER SHEET

REPUBLIC OF SOUTH AFRICA | REGISTER OF PATENTS | PATENTS ACT, 1978

Official application No.	Lodging date: Provisional	Acceptance date
21 01 **2022/11999**	22	47 2023/02/14
International classification	Lodging date: Complete	Granted date
51 G06N	23 2022/11/03	2023/03/29

71 Full name(s) of applicant(s)/Patentee(s):

Dr. Rahul Boadh
Assistant Professor, Department of Mathematics, K. R. Mangalam University, Sohna Road, Gurugram, Haryana, 122103, India
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Assistant Professor, Department of Applied Sciences, UIET, Panjab University SSG Regional Centre, Hoshiarpur, Affiliated to Panjab University Chandigarh, Punjab, India
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Assistant Professor, Deptt. of Chemistry, SBAS, K R Mangalam University, Gurugram, Haryana, 122103, India
Dr. Yogendra Kumar Rajoria
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Dr. Rupali
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Dr. Soniya
Research Scholar, Applied Mathematics and Scientific Computing Department, Saharanpur Campus, I.I.T. Roorkee, Uttar Pradesh, India
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71 Applicant substitued:	Date registrered

71 Assignee(s):	Date registrered

72 Full name(s) of inventor(s):

Dr. Rahul Boadh
Dr. Satish Kumar
Dr. Chandra Mohan
Dr. Yogendra Kumar Rajoria
Dr. Rupali
Dr. Soniya
Dr. SUKHVINDER SINGH BAMBER
Dr. Seema Saini
Dr. Sunil Madhukar Kumbhar
Dr. Nitu Sehrawat
Dr Anil Kumar
Reena
Anuradha Sabharwal

Registrar
K.R. Mangalam University
Sohna Road. Gurugram (Haryana)

Priority claimed:	Country	Number	Date

54 Title of invention

A METHOD FOR IDENTIFYING THE MOST DURABLE PLASTIC MATERIAL USING RADIAL BASIS FUNCTION BIPOLAR FUZZY NEURAL NETWORK

Address of applicant(s)/patentee(s):

Assistant Professor, Department of Mathematics, K. R. Mangalam University, Sohna Road, Gurugram, Haryana, 122103
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Assistant Professor, Department of Mathematics, School of Basic & Applied Sciences, K. R. Mangalam University, Gurugram, Haryana, 122103
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Assistant Professor, Department of Mathematics, K. R. Mangalam University, Haryana, 122103
INDIA
Research Scholar, Applied Mathematics and Scientific Computing Department, Saharanpur Campus, I.I.T. Roorkee, Uttar Pradesh
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Professor, Department of Mathematics, Graphic Era Deemed to be University Dehradun, Uttarakhand, 248001
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M. Phil. (Mathematics), Pusegaon road (Opposite to the Court) Vaduj, Tal. Khatav, Dist: Satara, Maharastra, 415506
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74	Address for service

Wolmarans and Susan Inc.
337 Surrey Avenue, Randburg, 2194
SOUTH AFRICA
Reference No.

61	Patent of addition No.	Date of any change

Fresh application based on.	Date of any change

Registrar
K.R. Mangalam University
Sohna Road. Gurugram (Haryana)

RENEWAL SHEET

Year	Payment Date	Receipt Number	Amount

HISTORY SHEET

Date entry made	Description
2022-11-04	Proof reading performed automatically
2022-11-04	Request for the acceptance of a Patent electronically filed on 3/11/2022, numbered 2022/11999
2023-02-14	Patent Notice of Acceptance sent by email to info@wsip.co.za
2023-02-14	Application accepted on 14/02/2023.
2023-03-30	Patent advertised on 29-03-2023.
2023-03-30	Patent granted on 29-03-2023.

Registrar
K.R. Mangalam University
Sohna Road. Gurugram (Haryana)

Bundesrepublik Deutschland

Urkunde

über die Eintragung des
Gebrauchsmusters Nr. 20 2023 103 524

Bezeichnung:
System zur Untersuchung eines Einsatzes künstlicher Intelligenz bei Marketing-Entscheidungen

IPC:
G06Q 30/02

Inhaber/Inhaberin:
Arora, Amishi, Dr., Nagpur, Maharashtra, IN
Dhale, Shrikrishna, Dr., Nagpur, Maharashtra, IN
Gujral, Meenakshi, Dr., New Delhi, IN
Gupta, Amit Kumar, Jabalpur, Madhya Pradesh, IN
Kediya, Shailesh Omprakash, Dr., Pune, Maharashtra, IN
Khuntia, Sangram, Balangir, Odisha, IN
Metre, Sujit Gajananrao, Dr., Nagpur, Maharashtra, IN
Satpute, Reena Sudhakarrao, Wardha, Maharashtra, IN
Sharma, Anil Radheshyam, Dr., Nagpur, Maharashtra, IN
Somnathe, Tushar, Dr., Wardha, Maharashtra, IN
Suchak, Anup Kirtikumar, Nagpur, Maharashtra, IN
Zunjur, Ashutosh, Dr., Pune, Maharashtra, IN

Tag der Anmeldung:
26.06.2023

Tag der Eintragung:
12.07.2023

Die Präsidentin des Deutschen Patent- und Markenamts

Eva Schewior

Eva Schewior
München, 12.07.2023

Die Voraussetzungen der Schutzfähigkeit werden bei der Eintragung eines Gebrauchsmusters nicht geprüft.
Den aktuellen Rechtsstand und Schutzumfang entnehmen Sie bitte dem DPMAregister unter www.dpma.de.

Registrar
K.R. Mangalam University
Sohna Road. Gurugram (Haryana)

Federal Republic of Germany

certificate

on the registration of
the utility model no. 20 2023 103 524

Designation:
System for investigating the use of artificial intelligence in marketing decisions

IPC:
G06Q 30/02

Inhaber/Inhaberin:
Arora, Amishi, Dr., Nagpur, Maharashtra, IN
Dhale, Shrikrishna, Dr., Nagpur, Maharashtra, IN
Gujral, Meenakshi, Dr., New Delhi, IN
Gupta, Amit Kumar, Jabalpur, Madhya Pradesh, IN
Kediya, Shailesh Omprakash, Dr., Pune, Maharashtra , IN
Khuntia, Sangram, Balangir, Odisha, IN
Metre, Sujit Gajananrao, Dr., Nagpur, Maharashtra, IN
Satpute, Reena Sudhakarrao, Wardha, Maharashtra, IN
Sharma, Anil Radheshyam, Dr., Nagpur, Maharashtra, IN
Somnathe, Tushar , Dr., Wardha, Maharashtra, IN
Suchak, Anup Kirtikumar, Nagpur, Maharashtra, IN
Zunjur, Ashutosh, Dr., Pune, Maharashtra, IN

Date of registration:
06/26/2023

Date of registration:
12.07.2023

Registrar
K.R. Mangalam University
Sohna Road. Gurugram (Haryana)

The President of the German Patent and Trademark Office

Eva Schier

Eva Schewior
Munich, July 12, 2023

The requirements for protectability are not checked when registering a utility model. Please refer to the DPMAregister at www.dpma.de for the current legal status and scope of registration.

INTELLECTUAL PROPERTY INDIA
PATENTS | DESIGNS | TRADE MARKS
GEOGRAPHICAL INDICATIONS

सत्यमेव जयते

क्रम सं/SL No :011164707

पेटेंट कार्यालय,भारत सरकार
The Patent Office, Government Of India

पेटेंट प्रमाण पत्र | Patent Certificate

(पेटेंट नियमावली का नियम 74) | (Rule 74 of The Patents Rules)

पेटेंट सं. / Patent No. : 440384

आवेदन सं. / Application No. : 202211046268

फाइल करने की तारीख / Date of Filing : 13/08/2022

पेटेंटी / Patentee : 1.Dr. ABHISHEK TIWARI 2.Dr. SURESH KUMAR 3.Dr. VARSHA TIWARI 4.Dr. MANISH KUMAR

प्रमाणित किया जाता है कि पेटेंटी को, उपरोक्त आवेदन में यथाप्रकटित *SYNTHESIS, CHARACTERIZATION AND EVALUATION OF INTEGERRIMIDE-A AS POTENTIAL ANTIMICROBIAL AND ANTICANCER AGENT* नामक आविष्कार के लिए, पेटेंट अधिनियम, 1970 के उपबंधों के अनुसार आज तारीख अगस्त 2022 के तेरहवें दिन से बीस वर्ष की अवधि के लिए पेटेंट अनुदत्त किया गया है।

It is hereby certified that a patent has been granted to the patentee for an invention entitled *SYNTHESIS, CHARACTERIZATION AND EVALUATION OF INTEGERRIMIDE-A AS POTENTIAL ANTIMICROBIAL AND ANTICANCER AGENT* as disclosed in the above mentioned application for the term of 20 years from the 13th day of August 2022 in accordance with the provisions of the Patents Act,1970.

Registrar
K.R. Mangalam University
Sohna Road. Gurugram (Haryana)

अनुदान की तारीख : 25/07/2023
Date of Grant :

पेटेंट नियंत्रक
Controller of Patents

टिप्पणी - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाना है, अगस्त 2024 के तेरहवें दिन को और उसके पश्चात प्रत्येक वर्ष मे उसी दिन देय होगी।

Note. - The fees for renewal of this patent, if it is to be maintained, will fall / has fallen due on 13th day of August 2024 and on the same day in every year thereafter.

*चूंकि पेटेंटी व आविष्कारकों की संख्या अधिक है, पेटेंटी व आविष्कारकों के नाम पृष्ठ संख्या 2 पर जारी हैं।
*Since the Number of Patentees / Inventors is more, the name of Patentees / Inventors are continued on Page No. 2

INTELLECTUAL PROPERTY INDIA
PATENTS | DESIGNS | TRADE MARKS
GEOGRAPHICAL INDICATIONS

पेटेंट प्रमाणपत्र के लिए अनुलग्नक/Annexure to Patent Certificate

पेटेंट सं. / Patent No.	:	440384
आवेदन सं. / Application No.	:	202211046268
फाइल करने की तारीख / Date of Filing	:	13/08/2022
पेटेंटी / Patentee (जारी/Continued)	:	5.Dr. RENU SAHARAN 6.Dr. PANKAJ GUPTA 7.Dr. AJAY PAL SINGH 8.Dr. ASHUTOSH AGGARWAL

Registrar
K.R. Mangalam University
Sohna Road. Gurugram (Haryana)

ORIGINAL

क्रम सं/ Serial No. : 138480

INTELLECTUAL PROPERTY INDIA
PATENTS | DESIGNS | TRADE MARKS
GEOGRAPHICAL INDICATIONS

सत्यमेव जयते

पेटेंट कार्यालय, भारत सरकार The Patent Office, Government Of India

डिजाइन के पंजीकरण का प्रमाण पत्र | Certificate of Registration of Design

डिजाइन सं. / Design No. : 367533-001

तारीख / Date : 11/07/2022

पारस्परिकता तारीख / Reciprocity Date* :

देश / Country :

प्रमाणित किया जाता है कि संलग्न प्रति में वर्णित डिजाइन जो *MULTI-PURPOSE WATER BOTTLE* से संबंधित है, का पंजीकरण, श्रेणी *09-01* में *1.Meerut Institute Of Engineering And Technology 2. Dr. Prabhakar Bhandari 3.Dr. Pooja Bhandari 4.Dr. Kamal Singh Rawat 5.Dr. Swapan Suman* के नाम में उपर्युक्त संख्या और तारीख में कर लिया गया है।

Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class 09-01 in respect of the application of such design to MULTI-PURPOSE WATER BOTTLE in the name of 1.Meerut Institute Of Engineering And Technology 2. Dr. Prabhakar Bhandari 3.Dr. Pooja Bhandari 4.Dr. Kamal Singh Rawat 5.Dr. Swapan Suman.

डिजाइन अधिनियम, *2000* तथा डिजाइन नियम, *2001* के अध्यधीन प्रावधानों के अनुसरण में।

In pursuance of and subject to the provisions of the Designs Act, 2000 and the Designs Rules, 2001.

Registrar
K.R. Mangalam University
Sohna Road, Gurugram (Haryana)

जारी करने की तिथि :
Date of Issue : 01/06/2023

महानियंत्रक पेटेंट, डिजाइन और व्यापार चिह्न
Controller General of Patents, Designs and Trade Marks

*पारस्परिकता तारीख (यदि कोई हो) जिसकी अनुमति दी गई है तथा देश का नाम। डिजाइन का स्वत्वाधिकार पंजीकरण की तारीख से दस वर्षों के लिए होगा जिसका विस्तार, अधिनियम एवं नियम के निबंधनों के अधीन, पाँच वर्षों की अतिरिक्त अवधि के लिए किया जा सकेगा। इस प्रमाण पत्र का उपयोग विधिक कार्यवाहियों अथवा विदेश में पंजीकरण प्राप्त करने के लिए नहीं हो सकता है।

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ORIGINAL

मूल/No : 136943

सत्यमेव जयते

भारत सरकार
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पेटेंट कार्यालय
THE PATENT OFFICE
डिजाइन के पंजीकरण का प्रमाणपत्र
CERTIFICATE OF REGISTRATION OF DESIGN

डिजाइन सं. / Design No.	:	382628-001
तारीख / Date	:	30/03/2023
पारस्परिकता तारीख / Reciprocity Date*	:	
देश / Country	:	

प्रमाणित किया जाता है कि संलग्न प्रति में वर्णित डिजाइन जो **AUTOMATED JOINT PAIN RELIEF CHAIR** से संबंधित है, का पंजीकरण, श्रेणी **12-12** में 1.Mr. Jagannath Pattar 2. Dr. Maddikera Kalyan Chakravarthi 3.Aayushi Arya 4.Om Prakash Singh 5.Dr. Manoj M. Gadewar 6.Dr.K.Sharmila के नाम में उपर्युक्त संख्या और तारीख में कर लिया गया है।

Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class **12-12** in respect of the application of such design to **AUTOMATED JOINT PAIN RELIEF CHAIR** in the name of 1.Mr. Jagannath Pattar 2. Dr. Maddikera Kalyan Chakravarthi 3.Aayushi Arya 4.Om Prakash Singh 5.Dr. Manoj M. Gadewar 6.Dr.K.Sharmila.

डिजाइन अधिनियम, 2000 तथा डिजाइन नियम, 2001 के अध्यधीन प्रावधानों के अनुसरण में।
In pursuance of and subject to the provisions of the Designs Act, 2000 and the Designs Rules, 2001.

Registrar
K.R. Mangalam University
Sohna Road. Gurugram (Haryana)

निर्गमन की तारीख/Date of Issue : 23/05/2023

महानियंत्रक पेटेंट डिजाइन और व्यापार चिह्न
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मूल/No : 137670

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CERTIFICATE OF REGISTRATION OF DESIGN

डिजाइन सं. / Design No.	:	370375-001
तारीख / Date	:	05/09/2022
पारस्परिकता तारीख / Reciprocity Date*	:	
देश / Country	:	

प्रमाणित किया जाता है कि संलग्न प्रति में वर्णित डिजाइन जो **MULTIFACILITY BED WITH EXPENDABLE FEATURE AND BABY PROTECTOR** से संबंधित है, का पंजीकरण, श्रेणी **06-02** में 1.Chitkara University (Punjab) 2. Chitkara Innovation Incubator Foundation 3.Madan, Jaya 4.Jindal, Ruby 5.Jindal, Ankur 6.Pandey, Rahul 7.Gautam, Rajni के नाम में उपर्युक्त संख्या और तारीख में कर लिया गया है।

Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class **06-02** in respect of the application of such design to **MULTIFACILITY BED WITH EXPENDABLE FEATURE AND BABY PROTECTOR** in the name of 1.Chitkara University (Punjab) 2. Chitkara Innovation Incubator Foundation 3.Madan, Jaya 4.Jindal, Ruby 5.Jindal, Ankur 6.Pandey, Rahul 7.Gautam, Rajni.

डिजाइन अधिनियम, 2000 तथा डिजाइन नियम, 2001 के अध्यधीन प्रावधानों के अनुसरण में।

In pursuance of and subject to the provisions of the Designs Act, 2000 and the Designs Rules, 2001.

Registrar
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निर्गमन की तारीख/Date of Issue : 24/05/2023

महानियंत्रक पेटेंट डिजाइन और व्यापार चिह्न
Controller General of Patents, Designs and Trade Marks

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Application Details

APPLICATION NUMBER	202311049088
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	20/07/2023
APPLICANT NAME	1 . Mohit Agrawal 2 . Manmohan Singhal 3 . Nidhi Bansal 4 . Sunil Kumar 5 . Vipin Kesharwani 6 . Nupur Sharma
TITLE OF INVENTION	P-SYNEPHRINE AS POSSIBLE NEUROPROTECTIVE AGENT TO TREATING ALZHEIMER'S DISEASES ASSOCIATED WITH NEUROBEHAVIORAL DEFICITS BY PERFORMING IN-VIVO & IN-VITRO EVALUATION
FIELD OF INVENTION	BIO-CHEMISTRY
E-MAIL (As Per Record)	vaagaiip@gmail.com
ADDITIONAL-EMAIL (As Per Record)	vaagaiip@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	11/08/2023 ✓

Application Status

APPLICATION STATUS

Awaiting Request for Examination

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➡ Filed ➡ Published ➡ RQ Filed ➡ Under Examination

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Application Details

APPLICATION NUMBER	202311055572
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	18/08/2023
APPLICANT NAME	1 . Dr. Chandra Mohan 2 . Dr. Neeraj Kumari 3 . Dr. Mozhgan Afshari 4 . Dr. Lata Vodwal 5 . Dr. Priyanka Dhaka 6 . Ms. Jenifer Robinson
TITLE OF INVENTION	SYNTHESIS OF CLAY-BASED NANOSCALE PIGMENTS
FIELD OF INVENTION	CHEMICAL
E-MAIL (As Per Record)	ramesh.panda.mech@gmail.com
ADDITIONAL-EMAIL (As Per Record)	ramesh.panda.mech@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	15/09/2023

Application Status

APPLICATION STATUS

Awaiting Request for Examination

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Application Details

APPLICATION NUMBER	202341045286
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	05/07/2023
APPLICANT NAME	1 . Dr. Punniyakoti Veeraveedu Thanikachalam 2 . Dr. Udai Bhan Singh Rathore 3 . Kirti Rathore 4 . Dr. D Prasanth 5 . Dr. Jitendra Gupta 6 . Dr. Ceema Mathew 7 . Sourav Tribedi 8 . K. Sakthivel 9 . C. Rajesh 10 . Renu Sehrawat 11 . Dr. Vamseekrishna Gorijavolu 12 . G. Arunachalam
TITLE OF INVENTION	NATURAL POLYHERBAL COMPOSITION FOR TREATING ALCOHOLIC LIVER CIRRHOSIS
FIELD OF INVENTION	BIOTECHNOLOGY
E-MAIL (As Per Record)	mail@ideas2ipr.com
ADDITIONAL-EMAIL (As Per Record)	
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	01/09/2023

Application Status

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Application Details	
APPLICATION NUMBER	202311048434
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	19/07/2023
APPLICANT NAME	1 . Dr Pooja Verma 2 . Dr P. C. Jena 3 . Dr Shabia Subuhi 4 . Dr Binti Dua 5 . Mr. Osama Qamar 6 . Dr Harveen Kaur
TITLE OF INVENTION	ARTIFICIAL INTELLIGENCE BASED CONCEPTS FOR DEVELOPING ENGLISH LANGUAGE TEACHING OR LEARNING SKILLS
FIELD OF INVENTION	ELECTRONICS
E-MAIL (As Per Record)	info@lexgin.com
ADDITIONAL-EMAIL (As Per Record)	info@lexgin.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	11/08/2023

Application Status

APPLICATION STATUS	Awaiting Request for Examination

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Patent Search

Invention Title	AI ENABLED SECURITY CAMERA DEVICE TO PREVENT INITIAL LEVEL HEALTH ISSUES FROM DIFFERENT KIND VIRUSES
Publication Number	29/2023
Publication Date	21/07/2023
Publication Type	INA
Application Number	202311043862
Application Filing Date	30/06/2023
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	ELECTRONICS
Classification (IPC)	G06K 096200, G06T 070000, G08B 131960, H04N 052250, H04N 071800

Inventor

Name	Address	Country	Nat
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Mr. Saurav Sagar	Software Developer, A 121/3-4, Lions Enclave, Vikas Nagar, South West Delhi -110059	India	Indi

Applicant

Name	Address	Country	N
Ms. Neetu Gupta	Assistant Professor, K. R. Mangalam University, Sohna, Gurgaon, Haryana - 122103	India	In
Mr. Prateek Garg	Opposite Baba Prasad Giri Mandir Near Mata Gate Jhajjar Haryana - 124103	India	In
Dr Puja Acharya	Assistant Professor, K. R. Mangalam University, Sohna, Gurgaon, Haryana - 122103	India	In
Ms. Smriti Dwivedi	Assistant Professor, DPGITM, Hero Honda, behind Marble market, Sector 34, Gurugram, Haryana -122001	India	In
Ms. Aikta Arya	Senior Research Fellow, Indian Institute of Technology Roorkee, Haridwar, Uttarakhand - 249403	India	In
Ms. Shweta Arya	System simulation Engineer, 4/288, Anand Nagar, Shuklaganj , Unnao, Kanpur, Uttar Pradesh - 209861	India	In
Mr. Saurav Sagar	Software Developer, A 121/3-4, Lions Enclave, Vikas Nagar, South West Delhi -110059	India	In

Abstract:

The present invention relates to an AI enabled security camera device (100) to prevent initial level health issues from different kind viruses. The device (100) comprise plurality of camera sensors, a deep learning alogithm unit, a computational unit, an internet of things, an alert unit, and a web application. The plurality of camera ser used to capture images or video footage of individuals' faces. The deep learning alogithm unit is used to analyze the visual data to determine whether a person is we mask or not. The computational unit is used to perform processing operations for decision making and real time detection. The internet of things is configured to op database of individuals wearing mask information. The alert unit is configured to provide alert to people and authorities about mask. The web application is used to r monitor people wearing face masks.

Complete Specification

Description:FIELD OF INVENTION

The present invention relates to a field of artificial intelligence and particularly to an AI enabled security camera device to prevent initial level health issues from diff kind viruses.

BACKGROUND OF THE INVENTION

Recent years have seen a rise in the prevalence, contagiousness, and risk of the large family of viruses known as coronaviruses to the entire human race. It trav person to person by exhaling the infectious breath, which leaves virus droplets on various surfaces, which are subsequently inhaled by other people, who then cont infection. During the global pandemic caused by COVID-19, wearing face masks has been widely recognized as a crucial preventive measure to reduce the transmis the virus. However, ensuring that individuals consistently wear masks in public spaces can be challenging to manage manually, particularly in high-traffic areas such airports, hospitals, schools, and retail environments. The COVID-19 pandemic has significantly impacted public health and safety, leading to the development of fac detecting technology. These devices use computer vision, machine learning, and thermal imaging to accurately identify individuals who are not wearing face masks.

To overcome these limitations, automated solutions are needed to enforce mask-wearing regulations in public areas like airports, hospitals, cinema halls, shop malls, schools, and retail settings. The face mask detection device addresses this problem by automating the process of identifying individuals who are not wearing masks. By utilizing various technologies such as computer vision, machine learning, and thermal imaging, these devices can detect and classify whether a person is a mask correctly or not.

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Ministry of Commerce and Industry

Design Application Details

Application Number:

367145-001

Cbr Number:

203419

Cbr Date:

03/07/2022 21:38:16

Applicant Name:

1. Dr.T.Milton 2. Dr. Gaurav Sood 3. Rohan Sood 4. Vandita Hajra
5. Ms. Jyoti Kataria 6. Dr Gurbir Singh Khera 7. Dr. Rajat Gera
8. Venkatesh Bharti

Design Application Status

Application Status:

Design Accepted and Published, Journal No is 23/2023 and Journal Date is 09/06/2023

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Disclaimer: Application status is available for the application filed on or after 1st April 2009 with application no 222230.The information under " Design Application Status" is dynamically retrieved and is under testing, therefore the information retrieved by this system is not valid for any legal proceedings under the Design Act 2000. In case of any discrepancy you may contact the appropriate Patent Office or send your comments to following email IDs:

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Patent Search

Invention Title	METHOD FOR SECURING CROWDFUNDING PLATFORM USING BLOCKCHAIN TECHNOLOGY
Publication Number	23/2023
Publication Date	09/06/2023
Publication Type	INA
Application Number	202311031412
Application Filing Date	03/05/2023
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	COMPUTER SCIENCE
Classification (IPC)	G06N 200000, G06Q 203800, G06Q 300200, G06Q 400600, H04L 093200
Inventor	

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Dr. Pallavi Pandey	Assistant Professor, Computer Science & Engineering, School of Engineering and Technology, K.R. Mangalam University, Sohna Road, Gurugram - 122103	India
Sagar Vashnav	Student, Computer Science & Engineering, School of Engineering and Technology, K.R. Mangalam University, Sohna Road, Gurugram-122103	India
Rishav Jha	Student, Computer Science & Engineering, School of Engineering and Technology, K.R. Mangalam University, Sohna Road, Gurugram - 122103	India

Applicant

Name	Address	Country
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Dr. Neeraj Gupta	Professor, IT Department, Panipat Institute of Engineering and Technology, Samalkha, Panipat - 132102	India
Dr. Pallavi Pandey	Assistant Professor, Computer Science & Engineering, School of Engineering and Technology, K.R. Mangalam University, Sohna Road, Gurugram - 122103	India
Sagar Vashnav	Student, Computer Science & Engineering, School of Engineering and Technology, K.R. Mangalam University, Sohna Road, Gurugram-122103	India
Rishav Jha	Student, Computer Science & Engineering, School of Engineering and Technology, K.R. Mangalam University, Sohna Road, Gurugram - 122103	India

Abstract:

"METHOD FOR SECURING CROWDFUNDING PLATFORM USING BLOCKCHAIN TECHNOLOGY" Accordingly, embodiments herein disclose a method for securing crowdfi platform using blockchain technology, comprising the steps of: receiving a target transaction constructed based on a business owner and a resource amount specifie investors using one or more blockchain nodes in a blockchain network; performing consensus verification on the target transaction by the one or more blockchain nc establishing a first correspondence between the business owner and virtual resources corresponding to the resource amount by the one or more blockchain nodes. I the method may involve receiving project information of a crowdfunding project initiated by a crowdfunding user by the one or more blockchain nodes from a crowdI node; and establishing a second correspondence between the business owner and a set of virtual resources for which the ledger includes a correspondence betweer business owner and the set of virtual resources by the one or more blockchain nodes. Figure to be published with Abstract: Figure 1 Dated this 28th day of April, 2023 AGENT FOR THE APPLICANT IN/PA/1838

Complete Specification

Description:FIELD OF INVENTION

[0001] The present disclosure relates to the field of blockchain technology and more particularly, to a method for securing crowdfunding platform using blockchai technology.

BACKGROUND OF INVENTION

[0002] Crowdfunding is a new and innovative method for funding various kinds of ventures, wherein individual founders of the ventures can request for funds. Th ventures may be working for profit motive, cultural or social. The funds are usually given in return for future products or equity. It includes the use of internet social platforms to connect investors with entrepreneurs in order to raise capital for various kinds of ventures in return for compensation.

[0003] Blockchain is a unique, independent and a transparent system which keep the transactions between parties transparent. Crowdfunding is based on the tru between the investors and stakeholders. Blockchain is a distributed database of a general ledger of all transactions that have been carried out which are verified by majority of consensus in the system that will be shared with all parties concerned. And, once entered, information cannot be deleted. Blockchain contains certain re and can be verified every single transaction that has ever been carried out. Blockchain is a database of transaction records that are distributed, validated and mana computer networks around the world. Based on the definition above, it can be concluded that the blockchain is a distributed database technology with a guarantee security system that is considered to be able to increase the trust of the parties involved in a project or in long-term collaboration.

[0004] The emergence of new technologies has great potential in crowdfunding organizations as well as individuals. Crowdfunding platforms using the blockchain technology increase the credibility of various projects and ventures and therefore attract huge funds from investors and donor. The first flow starts with entreprene

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Application Details

APPLICATION NUMBER	202311027575
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	14/04/2023
APPLICANT NAME	1 . SHREYANTH S 2 . Rajesh P K 3 . Sarveshwaran R 4 . Dr. Amar Saraswat 5 . Nupur Aggarwal 6 . Naveen Kumar
TITLE OF INVENTION	SYSTEM AND METHOD FOR AN ARCHITECTURAL FRAMEWORK FOR DESIGN OF AN INTERACTIVE CONTENT DELIVERY SYSTEM USING MACHINE LEARNING MODEL
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	fetsi.vm@gmail.com
ADDITIONAL-EMAIL (As Per Record)	fetsi.vm@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	02/06/2023

Application Status

APPLICATION STATUS

Awaiting Request for Examination

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➡ Filed ➡ Published ➡ RQ Filed ➡ Under Examination

➡ Disposed

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GOVERNMENT OF INDIA

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Department of Industrial Policy and Promotion
Ministry of Commerce and Industry

Design Application Details

Application Number:

367533-001

Cbr Number:

203671

Cbr Date:

11/07/2022 15:38:26

Applicant Name:

1. Meerut Institute of Engineering and Technology **2. Dr. Prabhakar Bhandari**
3. Dr. Pooja Bhandari **4. Dr. Kamal Singh Rawat** **5. Dr. Swapan Suman**

Design Application Status

Application Status:

Design Accepted and Published, Journal No is 22/2023 and Journal Date is 02/06/2023

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Ministry of Commerce and Industry

Design Application Details

Application Number:

382279-001

Cbr Number:

203788

Cbr Date:

26/03/2023 14:53:22

Applicant Name:

1. Mr. Chandra Prakash Dwivedi **2. Dr. Hemant P. Suryawanshi**
3. Dr. Mousumi Kar Pillai **4. Dr. Priyanka Sinha** **5. Dr. Dilip Kumar Tiwari**
6. Dr. M V N L Chaitanya **7. Dr. Rashmi Saxena Pal** **8. Dr. Rishi Pal**
9. Dr. Ravi Kumar Kota **10. Dr. Sandeep Gupta**

Design Application Status

Application Status:

Design Accepted and Published, Journal No is 22/2023 and Journal Date is 02/06/2023

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Ministry of Commerce and Industry

Design Application Details

Application Number:

379396-001

Cbr Number:

202118

Cbr Date:

15/02/2023 23:25:16

Applicant Name:

1. Dr. Surendra Kumar Yadav **2. Dr. Virendra Kumar** **3. Dr. Nishant Kumar Singh**
4. Dr. Lalta Prasad

Design Application Status

Application Status:

Design Accepted and Published, Journal No is 21/2023 and Journal Date is 26/05/2023

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Design Application Details

Application Number:

370375-001

Cbr Number:

205627

Cbr Date:

05/09/2022 13:06:10

Applicant Name:

1. CHITKARA UNIVERSITY (PUNJAB)

2. CHITKARA INNOVATION INCUBATOR FOUNDATION **3. MADAN, JAYA**

4. JINDAL, RUBY **5. JINDAL, ANKUR** **6. PANDEY, RAHUL** **7. GAUTAM, RAJNI**

Design Application Status

Application Status:

Design Accepted and Published, Journal No is 21/2023 and Journal Date is 26/05/2023

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Application Details

APPLICATION NUMBER	202311026400
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	09/04/2023
APPLICANT NAME	1 . Neelam Dhankhar 2 . Anjali Sudha 3 . Manisha Singh 4 . Dr. jyoti Sinha 5 . Suresh Singh 6 . Gaurav Saxena
TITLE OF INVENTION	MACHINE LEARNING ENABLED SYSTEM FOR DETECTION OF DEPRESSION SEVERITY SCORES BASED ON EEG SIGNAL
FIELD OF INVENTION	BIO-MEDICAL ENGINEERING
E-MAIL (As Per Record)	mukesh.research24@gmail.com
ADDITIONAL-EMAIL (As Per Record)	
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	19/05/2023

Application Status

APPLICATION STATUS

Awaiting Request for Examination

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➡ Disposed

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Design Application Details

Application Number:

378844-001

Cbr Number:

200029

Cbr Date:

07/02/2023 15:54:25

Applicant Name:

1. DR. NISHANT KUMAR SINGH **2. DR. LALTA PRASAD** **3. DR. VIRENDRA KUMAR**
4. DR. SURENDRA KUMAR YADAV

Design Application Status

Application Status:

Design Accepted and Published, Journal No is 20/2023 and Journal Date is 19/05/2023

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Patent Search

Invention Title	METHOD OF PREPARING HYDROGEL FORMULATION FOR WOUND HEALING
Publication Number	20/2023
Publication Date	19/05/2023
Publication Type	INA
Application Number	202311027851
Application Filing Date	15/04/2023
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	BIO-CHEMISTRY
Classification (IPC)	A61K 090600, A61L 156000, A61L 260000, A61P 170200, C08B 370000

Inventor

Name	Address	Country	Nationality
Damini Yadav	K.R. Mangalam University	India	India
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Poonam	Rajasthan University of Health Sciences	India	India
Meher Priya Sharma	K.R. Mangalm University	India	India
Dr. Pawan Jalwal	Baba Mastnath University	India	India
Shailja	Baba Mastnath University	India	India
Dr. Hema Chaudhary	K.R. Mangalm University	India	India

Applicant

Name	Address	Country	National
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Abstract:

ABSTRACT METHOD OF PREPARING HYDROGEL FORMULATION FOR WOUND HEALING The present invention envisages a method of preparing hydrogel formulation f healing. The formulation comprises of complex of quercetin and fulvic acid with a polysaccharide solution to prepare nanoparticles which are further loaded in polyvi and xanthan gum-based hydrogel.

Complete Specification

Description:Preamble to the description
THE FOLLOWING SPECIFICATION PARTICULARLY DESCRIBES THE INVENTION AND THE MANNER IN WHICH IT IS TO BE PERFORMED.

FIELD
The present disclosure generally relates to formulation intended for wound healing.
BACKGROUND
The background information herein below relates to the present disclosure but is not necessarily prior art.
Hydrogels are nano-composite formulations of 3-D configured polymeric network having tendency to grab a massive water uptake or biological fluids suggesting it companion for wound healing. Hydrogels have hydrophilic chemical groups like hydroxyl, impart them water absorbing affinity.
Wound sites have high ROS (Reactive oxygen species) besides having positive outcomes against invading bacteria, they also have destructive impact causing tissue fibroblast destruction, making skin lipids less flexible and even neoplastic formation in some cases. High antioxidant activity of Flavonoid drugs could be used to co the above effect thereof as the they have high antioxidant activity and antimicrobial action along with.
The verge of disrupted wound healing also stand the risk of being potently infected by a bacteria called Staphylococcus aureus. Since the diabetic patient have impa etiology of wound healing due to hyperglycaemia causing disruption of pro-angiogenic signalling, nitric oxide production, leukocyte dysfunction, peripheral neuropa so on

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Application Details

APPLICATION NUMBER	202311019408
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	21/03/2023
APPLICANT NAME	1 . DR. MANOJ M. GADEWAR 2 . DR. PRASHANTH GK 3 . DR. SUCHETA 4 . DR. POONAM R INAMDAR 5 . MS. POONAM POPATRAO TARU 6 . MOHAMMAD INTAKHAB ALAM
TITLE OF INVENTION	A LOW-COST BIOSENSOR BASED DEVICE FOR DETECTION OF VITAL NUTRIENTS
FIELD OF INVENTION	PHYSICS
E-MAIL (As Per Record)	bd@ipquad.com
ADDITIONAL-EMAIL (As Per Record)	urvashi.sharma@ipquad.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	12/05/2023

Application Status

APPLICATION STATUS

Awaiting Request for Examination

View Documents

➡ Filed ➡ Published ➡ RQ Filed ➡ Under Examination

➡ Disposed

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Patent Search

Invention Title	ARTIFICIAL INTELLIGENCE-DRIVEN SUPPLY CHAIN MANAGEMENT SYSTEM
Publication Number	19/2023
Publication Date	12/05/2023
Publication Type	INA
Application Number	202311018915
Application Filing Date	20/03/2023
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	COMPUTER SCIENCE
Classification (IPC)	G06Q 100600, G06Q 100800, G07G 030000, H02G 110000, H04L 452800

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Manoj Kumar	Assistant Professor (Sr. Scale), Mechanical Engineering Department, ABES Engineering College, 19th KM Stone, NH-09, Ghaziabad-201009, Uttar Pradesh, India	India

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Name	Address	Country
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Asha Sohal	Assistant Professor, Department of Computer Science and Engineering, K R Mangalam University, Sohna Road Gurgaon, Haryana-122103	India
Dr. Zia Zehra Zaidi	Assistant Professor, Department of Applied Science and Humanities (Seep), ABES Engineering College, 19th KM Stone, NH-09, Ghaziabad-201009, Uttar Pradesh, India	India
Ashulekha Gupta	Professor, Department of Management Studies Graphic Era Deemed to be University, 566/66, Society Area, Bell Road, Clement Town, Dehradun, Uttarakhand, India	India
Ruchika Bathla	Assistant Professor (Grade-III), Amity Institute of Information Technology, Amity University Campus, Sector 125, Noida- 201313, Gautam Budh Nagar, Uttar Pradesh, India	India
Manoj Kumar	Assistant Professor (Sr. Scale), Mechanical Engineering Department, ABES Engineering College, 19th KM Stone, NH-09, Ghaziabad-201009, Uttar Pradesh, India	India

Abstract:

"ARTIFICIAL INTELLIGENCE-DRIVEN SUPPLY CHAIN MANAGEMENT SYSTEM" The invention relates to field of a supply chain management, and more specifically to an ai intelligence-driven supply chain management system for the transportation industry. The system for supply chain management in the transportation industry, includ database for storing data related to transportation providers, suppliers, and customers, an AI-based predictive analysis engine for forecasting demand, supply, and pr a communication module for facilitating communication between transportation providers, suppliers, and customers, a tracking module for monitoring and tracking transportation and inventory in real-time, a recommendation engine for suggesting optimal transportation routes, suppliers, and prices based on demand and supply Dated this 17th day of March, 2023 POOJA AGENT FOR THE APPLICANT IN/PA/1838

Complete Specification

Description:TECHNICAL FIELD

[0001] The invention relates to field of a supply chain management, and more specifically to an artificial intelligence-driven supply chain management system for transportation industry.

BACKGROUND ART

[0002] Background description includes information that may be useful in understanding the present invention. It is not an admission that any of the informatior provided herein is prior art or relevant to the presently claimed invention, or that any publication specifically or implicitly referenced is prior art.

[0003] Supply chain management is a critical component of the transportation industry, ensuring that goods are transported efficiently and effectively from their origin to their destination. However, the transportation industry in India faces several challenges, including infrastructure limitations, regulatory issues, and a highly fragmented market.

[0004] One of the key challenges facing supply chain management in the Indian transportation industry is the lack of visibility and control over the movement of g This can lead to delays, lost or damaged goods, and increased costs. Furthermore, the highly fragmented nature of the industry means that there is limited collabor between different players in the supply chain, leading to inefficiencies and delays.

[0005] To address these challenges, there is a need for an innovative and integrated supply chain management system that leverages the power of artificial intelli (AI) to provide end-to-end visibility and control over the movement of goods. Such a system would enable transportation companies to optimize their operations, re costs, and improve customer satisfaction

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Application Details

APPLICATION NUMBER	202341027807
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	16/04/2023
APPLICANT NAME	1 . Dr.S.Vigneswari 2 . Dr.N.Pakutharivu 3 . Dr. Reshmi Manna 4 . Prof. (Dr.) Namita Rajput 5 . Ankit Singh 6 . Dr. Robin Thomas 7 . Umesh Santoshkumar Rathod 8 . Dr. Meena Sharma 9 . Dr. Manoj Sharma 10 . Ms. Vidhi Gaur
TITLE OF INVENTION	AN ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING BASED SYSTEM FOR AUTOMATING ORGANIZATION EMPLOYEE MANAGEMENT AND WORK INFORMATION
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	vigneswari161281@gmail.com
ADDITIONAL-EMAIL (As Per Record)	
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	05/05/2023

Application Status

APPLICATION STATUS

Awaiting Request for Examination

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➡ Disposed

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Ministry of Commerce and Industry

Design Application Details

Application Number:

365181-001

Cbr Number:

202191

Cbr Date:

31/05/2022 20:04:19

Applicant Name:

1. CHITKARA UNIVERSITY (PUNJAB)

2. CHITKARA INNOVATION INCUBATOR FOUNDATION **3. AMIT MITTAL**

4. ANSHIKA PRAKASH **5. MANJINDER SINGH** **6. SURYA NARAYAN PANDA**

7. RUCHI MITTAL

Design Application Status

Application Status:

Design Accepted and Published, Journal No is 16/2023 and Journal Date is 21/04/2023

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Ministry of Commerce and Industry

Design Application Details

Application Number:

360490-001

Cbr Number:

214623

Cbr Date:

12/03/2022 08:09:42

Applicant Name:

1. Dr. Shirin Alavi **2. Nidhi Gupta** **3. Dr. Neha Kamboj** **4. Dr Gurbir Singh Khera**
5. Dr. Priyanka Chadha **6. Dr Rajat Gera** **7. Venkatesh Bharti**

Design Application Status

Application Status:

Design Accepted and Published, Journal No is 13/2023 and Journal Date is 31/03/2023

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Design Application Details

Application Number:

360490-001

Cbr Number:

214623

Cbr Date:

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Applicant Name:

1. Dr. Shirin Alavi **2. Nidhi Gupta** **3. Dr. Neha Kamboj** **4. Dr Gurbir Singh Khera**
5. Dr. Priyanka Chadha **6. Dr Rajat Gera** **7. Venkatesh Bharti**

Design Application Status

Application Status:

Design Accepted and Published, Journal No is 13/2023 and Journal Date is 31/03/2023

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Design Application Details

Application Number:

382277-001

Cbr Number:

203788

Cbr Date:

26/03/2023 14:53:22

Applicant Name:

1. Dr. Shilpa Jain **2. Dr. Charu Chhabra** **3. Dr. Harsirjan Kaur**
4. Dr. Mamta Shankar **5. Dr. Ishneet Kaur** **6. Dr. Mohd Mazhar**

Design Application Status

Application Status:

Design Accepted and Published, Journal No is 30/2023 and Journal Date is 28/07/2023

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Patent Search

Invention Title	MONO AND POLYSACCHARIDE CAPSULE FOR TREATING SKIN IRRITATIONS
Publication Number	11/2023
Publication Date	17/03/2023
Publication Type	INA
Application Number	202341015479
Application Filing Date	08/03/2023
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	BIO-CHEMISTRY
Classification (IPC)	A61K 087300, A61K 450600, A61P 170000, A61P 170600, A61Q 190000

Inventor

Name	Address	Country
Dr. Badrud Duza Mohammad	Professor, Department of Pharmaceutical Chemistry, G R T Institute of Pharmaceutical Education and Research, GRT Mahalakshmi Nagar, Tiruvallur – 631209, Tamil Nadu	India
Mr. Ashish Anand	Associate Professor, Krishak College of Pharmacy, Rajgarh, Mirzapur, Pin Code: 231210	India
Dr. Rahul S. Radke	Professor, Karmayogi Tatyasaheb Bondre Institute of Pharmacy, Chikhli, Maharashtra, India	India
Mrs. Jyoti Rathi	Assistant Professor, Indira Gandhi University, Meerpur, Rewari, Haryana.	India
Dr. Sneh Lata	Assistant Professor, Indira Gandhi University, Meerpur, Rewari, Haryana.	India
Mr. Ankush Kumar	Research Scholar All India Institute of Ayurveda, New Delhi	India
Mr. Ram Manohar Yadav	Associate Professor, Apex Institute of Pharmacy Samaspur Chunar, Mirzapur, Uttar Pradesh Pin Code: 231304	India
Mr. Rajan Chaudhary	Lecturer, Krishak College of Pharmacy, Rajgarh, Mirzapur, Uttar Pradesh Pin Code: 231210	India
Mr. Mohit Bajpai	PG Scholar Lakshmi Narain College of Pharmacy, Indore, Madhya Pradesh, Pin Code - 452006	Afghanistan
Dr. Mohd Mazhar	Assistant Professor, K R Mangalam University, Gurugram, Haryana, Pin Code: 122103	India
Mr. Uma Shanker Maurya	Assistant Professor, Goel Institute of Pharmacy and Sciences, Lucknow Pincod- 226028	India
Mr. Rajat	Associate Professor, Cum Research Scholar College of Pharmacy, Rimt University, Mandi Gobindgarh, Fatehgarh Sahib, Punjab. Pincode- 147301	India

Applicant

Name	Address	Country
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Dr. Rahul S. Radke	Professor, Karmayogi Tatyasaheb Bondre Institute of Pharmacy, Chikhli, Maharashtra, India	India
Mrs. Jyoti Rathi	Assistant Professor, Indira Gandhi University, Meerpur, Rewari, Haryana.	India
Dr. Sneh Lata	Assistant Professor, Indira Gandhi University, Meerpur, Rewari, Haryana.	India
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Mr. Rajat	Associate Professor, Cum Research Scholar College of Pharmacy, Rimt University, Mandi Gobindgarh, Fatehgarh Sahib, Punjab. Pincode- 147301	India

Abstract:

MONO AND POLYSACCHARIDE CAPSULE FOR TREATING SKIN IRRITATIONS The chemical exfoliant is a compound selected from the group consisting of fruit acids, lact acid, glycolic acid, tartaric acid, salicylic acid, acetic acid, trichloroacetic acid, tretinoin, phenol, resorcinol, or combinations thereof. Schizophyllum commune beta-gluc mushroom beta-glucan, sclerotium rolfsii beta-glucan, granola frondosa beta-glucan, Pleurotus ostreatus polysaccharide, mushroom beta-glucan, yeast beta-glucan, consisting of potassium channel forming, controlling or blocking agents, calcium channel blocking agents, sodium channel blocking agents, steroids, non-steroidal proinflammatory agents. , aloe vera, chamomile, alpha-mabolo, cola nitid extract, green tea extract, tea tree oil, licorice extract, allantoin, urea, caffeine, and other xar glycyrrhizic acid and its dehydrate in. An immunogenic composition comprising a polysaccharide-carrier protein conjugate, wherein the conjugate is a capsular polys derived from group b streptococcal. Ethyl alcohol is added in trapped fluid obtained by stood to get the Bletilla polysaccharide crystal.

Complete Specification

Description:MONO AND POLYSACCHARIDE CAPSULE FOR TREATING SKIN IRRITATIONS
BACKGROUND
Technical Field
[0001] The embodiments herein generally relate to a mono and polysaccharide capsule for treating skin irritations.
Description of the Related Art
[0002] With the development of society, people are more and more interested in the external image of the people, and the health condition of the skin directly inf the confidence of the people. Especially, in women during pregnancy, elastic fibers and collagen fibers of the abdominal skin are damaged or broken due to rapid enlargement of the abdomen, and finally, a stretch mark is irreversibly formed. The incidence of striae gravidarum is quite high, and statistically pregnant women s from striae gravidarum. Although not directly influencing normal life, beauty is seriously influenced, heavy mental stress and psychological stress are brought to pa and the postpartum psychology and mental health of women are seriously influenced. At present, the treatment methods of striae gravidarum mainly comprise ext drug treatment, physical acousto-optic treatment, acupuncture treatment, and the like. Generally, externally applied medicine has a tiny effect, physical acousto-opt acupuncture treatments have certain destructive and adverse reactions, the price is high, professional personnel and equipment are required for operation, care ne be taken after the operation, and the treatment mode is inconvenient.
[0003] The medicinal mushroom Ganoderma lucidum has been used for a long time in China to prevent and treat various human diseases such as bronchitis, hep hypertension, tumorigenic diseases, and immunological disorders and as an ingredient in skin creams. Ancient Chinese medical scholars suggested that Ganoderm

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Application Details

APPLICATION NUMBER	202311008605
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	10/02/2023
APPLICANT NAME	Chandni Aggarwal
TITLE OF INVENTION	METHOD FOR PROTECTIVE CLOTHING IN OIL AND GAS INDUSTRY
FIELD OF INVENTION	TEXTILE
E-MAIL (As Per Record)	pooja@innoveintellects.com
ADDITIONAL-EMAIL (As Per Record)	pujakr@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	17/02/2023

Application Status

APPLICATION STATUS

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Patent Search

Invention Title	METHOD FOR PERFORMANCE OF CROWDSOURCING WITH DONATIONS TO SUPPORT MICRO-FINANCE FOR WOMEN
Publication Number	07/2023
Publication Date	17/02/2023
Publication Type	INA
Application Number	202311008602
Application Filing Date	10/02/2023
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	CHEMICAL
Classification (IPC)	A61P0003100000, C12N0015100000, H04W0004020000, A61P0007000000, G01N0033500000

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Mr. Aditya Mishra	Research Scholar, Rajiv Gandhi National Law University, Patiala, Punjab, India	India	I

Applicant

Name	Address	Country	I
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Dr. Neha Singh	Assistant Professor, School of Legal Studies, KR Mangalam University, Sohna Road, Gurgaon, Haryana, India	India	I
Ms. Nidhi	Assistant Professor, School of Law, Manav Rachna University, Faridabad, Haryana, India	India	I
Mr. Aditya Mishra	Research Scholar, Rajiv Gandhi National Law University, Patiala, Punjab, India	India	I

Abstract:

Accordingly, embodiments herein disclose method for performance of crowdsourcing with donations to support micro-finance for women, comprising the steps of: fo committee; creating networking with a donor; and creating networking with Anganwadis, such as child care and mother care centres. Furthermore, the present meth involve identifying and selecting needy women by the head of Anganwadis; and distributing the funds to beneficiaries. Further, the assessment of live projects for the beneficiaries is provided.

Complete Specification

FIELD OF INVENTION

[0001] The present disclosure relates to method for performance of crowdsourcing with donations to support micro-finance for women.

BACKGROUND OF INVENTION

[0002] Crowd funding is a relatively recent phenomenon whereby a large number of individuals pool their often relatively small financial resources to support effo projects or campaigns initiated by other people. The process of several individuals pooling their financial resources happens via an internet-based online "Crowd-Fu platform" (CFP).

[0003] Crowdsourcing systems typically include a mechanism for the crowdsourcer to provide details describing the task(s) and any other condition or constraint for example, deadlines, non-disclosure agreements, rewards and/or other requirements. Crowdsourced tasks may be performed by anyone in the community inclu individuals, contractors, formal organizations, consultants and the like. Tasks/questions can be related to product design, business plans, advertising or marketing, or any other organizational function. In this way, a crowdsourcing system encourages collaboration, competition, and innovation within the community.

[0004] Over the last few years new crowdsourcing platforms have emerged and proliferated. Crowdsourcing has grown from an initial focus on a few very narrow specific projects or tasks to its current state where a broad diversity of crowdsourcing specialties for almost any organizational function required by an entity may b available through various communities. Crowdsourcing functions currently range from, for example, ideation to product development to marketing and beyond to for example, funding, intellectual property protection, and product distribution

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Design Application Details

Application Number:

359405-001

Cbr Number:

213943

Cbr Date:

25/02/2022 18:59:00

Applicant Name:

1. Dr. Neha Kamboj **2. Dr. Ranu Kumar** **3. Ms. Mamta Sharma** **4. Dr Rajat Gera**
5. Venkatesh Bharti

Design Application Status

Application Status:

Design Accepted and Published, Journal No is 06/2023 and Journal Date is 10/02/2023

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Design Application Details

Application Number:

374875-001

Cbr Number:

209133

Cbr Date:

30/11/2022 11:21:00

Applicant Name:

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4. Dr. Vandana Gupta **5. Dr. Prashant Kumar**

Design Application Status

Application Status:

Design Accepted and Published, Journal No is 04/2023 and Journal Date is 27/01/2023

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Application Details

APPLICATION NUMBER	202311003137
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	16/01/2023
APPLICANT NAME	1 . Dr. Vinod Kumar 2 . Prof. Jyoti Sinha 3 . Dr. Ravi Kant 4 . Dr. Pankaj Gupta 5 . Dr. Md Jahangir Alam 6 . Ms. Dolly Rani
TITLE OF INVENTION	AN IOT- BASED SYSTEM FOR CHECKING QUALITY OF FOOD AND VEGETABLES
FIELD OF INVENTION	COMPUTER SCIENCE
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E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	20/01/2023

Application Status

APPLICATION STATUS

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Patent Search

Invention Title	A PROCESS FOR SELECTIVE C-3 THIAZOLYLATION OF INDOLES
Publication Number	07/2023
Publication Date	17/02/2023
Publication Type	INA
Application Number	202311003523
Application Filing Date	18/01/2023
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	ELECTRONICS
Classification (IPC)	H01L0029100000, H01L0029060000, B33Y0010000000, H01L0029660000, H01L0021306500

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Applicant

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Abstract:

The present invention relates to a process for selective C-3 thiazolylation of indoles. Particularly, the present invention relates to a process for selective C-3 thiazolylat indoles and anomalous behavior of thiazoles.

Complete Specification

FIELD OF INVENTION:
[0001] The present invention relates to a process for selective C-3 thiazolylation of indoles. Particularly, the present invention relates to a process for selective C-3 thiazolylation of indoles and anomalous behavior of thiazoles.

BACKGROUND OF THE INVENTION:
[0002] 3-hydroxy disubstituted indole motifs are consider as important and useful synthetic intermediates for biologically active compounds such as Convolutam A-E, 3-Hydroxyglucoisatisin, SM-130686, and TMC-95C. (Fig. 1)
[0003] The reaction of aldehydes/ ketones and primary amines are generally straight forward and give the expected imines.
[0004] Additionally, the heterocycles comprising sulfur such as thiazoles, present in various natural products and also used in drug development for the treatmen allergies, hypertension, inflammation, schizophrenia, bacterial, HIV infections, and hypnotics. The approach of synthesizing biologically important compounds is ba the combination of diversified substructures.
[0005] Therefore, there is a need to develop an effective process for the preparation of selective C-3 thiazolylation of indoles.

[0006] Given the above, there arises a need to develop a synthesis of a novel series of heterocycles that comprises thiazole and 2,3-dioxoindole moieties in a singl framework of 3-hydroxy disubstituted oxindole through C-C bond formation

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Application Details

APPLICATION NUMBER	202341003009
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	15/01/2023
APPLICANT NAME	1 . Dr.BHAVANI SUSHMA GARLAPATI 2 . Dr. PANDI SARATH CHANDRA 3 . IPSITA NAYAK 4 . Dr. BHAGYALAKSHMI.A 5 . Dr. K.BALRAJ 6 . Dr. SYED HAUIDER ABBAS 7 . VIDHI GAUR 8 . SUJA G P 9 . Dr. K. USHA RANI 10 . Dr.R.MEKALA 11 . KALAIVANI S 12 . Dr VIJAY KUMAR SALVIA
TITLE OF INVENTION	ARTIFICIAL INTELLIGENCE BASED AUTOMATIC TEXT ADAPTATION DEVICE TO ASSIST LANGUAGE LEARNERS IN UNDERSTANDING CONTENT INFORMATIVE TEACHING STRATEGIES BASED ON DEEP LEARNING
FIELD OF INVENTION	COMPUTER SCIENCE
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E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	24/02/2023

Application Status

APPLICATION STATUS

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Patent Search

Invention Title	SYNTHESIS OF ALPHA-INDOLYL BETA-SUBSTITUED ACRYLATE DERIVATIVE
Publication Number	01/2023
Publication Date	06/01/2023
Publication Type	INA
Application Number	202211076202
Application Filing Date	28/12/2022
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	CHEMICAL
Classification (IPC)	C07C0235420000, C07C0235700000, C07D0209860000, C09K0011060000, C07D0487140000

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Applicant

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DR. AARTI BELGAMWAR	SVKM College of Pharmacy, Dhule	India
PREETI	Ph.D Scholar, Shri Venkateshwara University, Gajraula	India
DR. MOHAMMED ALBRATTY	Associate Professor, Department of Pharmaceutical Chemistry & Pharmacognosy, College of Pharmacy, Jazan University, P. Box No. 114, Jazan, Saudi Arabia	Saudi Arabia
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DR. HAFIZ A. MAKEEN	Associate Professor, Department of clinical pharmacy, College of Pharmacy, Jazan University, P. Box No. 114, Jazan, Saudi Arabia	Saudi Arabia

Abstract:

The invention relates to a synthesis of alpha-indolyl beta-substituted acrylate derivate. The synthesis includes steps of treating methyl 2-(3 formyl-1H-indole-2-yl) acet aldehyde, followed by condensation reaction in the presence of organo-catalyst for a predefined time to obtain E-(methyl)-alpha-(3-formyl-1H-indol-2-yl)-beta-aryl/alk substituted acrylates (101); converting the obtained E-(methyl) alpha-(3-formyl-1H-indol-2-yl)-beta-aryl/alkyl substituted acrylates into carbazole derivative using a nit through a predefined reaction (102); oxidation (103) of the carbazole derivative obtained through the predefined reaction, wherein the oxidation is aerial oxidation; s beta-aryl/hetero aryls substituted acrylates to facile reaction with nitromethane in THF medium at room-temperature. The facile reaction is done using DBU solvent u yielding 1-methoxycarbonyl-2-aryl/alkyl-3-nitro-9H-carbazoles (104); reacting ammonium acetate with E-(methyl) alpha-(3-formyl-1H-indol-2-yl)-beta-aryl/alkyl substitu acrylates at room temperature to obtain substituted methyl 3-aryl/alkyl-5H-pyrido[4,3-b]indole-4-carboxylates (105); subjecting said E-(methyl) alpha-(3-formyl-1H-inc aryl/alkyl substituted acrylates via BOH protection of NH and OH groups followed by aldehyde to carboxylic acid using pinnic oxidation reaction (106).

Complete Specification

FIELD OF THE INVENTION

[0001] The present invention in general relates to the field of organic and biomolecular chemistry. More particularly relates to a method for synthesizing C2 subst alpha-indolyl beta-substituted acrylate derivative by treating methyl 2-(3 formyl-1H-indole-2-yl) acetate with enolizable and non-enolizable aldehydes using potent b functional (acid-base) organo-catalyst as a catalyst under nitrogen atmosphere at room temperature.

BACKGROUND OF THE INVENTION

[0002] Heterocyclic compounds have a significant role in the synthesis of organic and/or pharmaceutical chemicals and are widely used in the fields of polymer, agriculture, medicine, and numerous other sectors. By utilizing a variety of functional groups and forming many carbon-carbon and carbon-heteroatom connection component reactions (MCRs) are the primary method used to generate diverse heterocyclic derivatives with distinct characteristics. MCRs have received a lot of atte over the past few years because of their simple method, ability to create a high yield, and affordability. Pharmacologically compounds include indoles, imidazoles, th pyrroles, quinolones, and pyridine derivatives which reflects few activities, such as biological and antimicrobial.

[0003] Over the past few decades, indole derivatives have garnered interest because of their wide range of functions, including their antimicrobial, pharmacologic fungal, and anti-tumor, anti-inflammatories, antivirals, antibiotic medicines, and anticancer properties. Arvelexin, 3-substituted indole derivative, is now utilized as a influenza preventative. Indole-3-carbinol has been shown to have effect against human protease cancer cells by Hien T. Le and colleagues and few indole derivative an antioxidant agent by trapping free radicals and helps in minimizing the risk of cancer and cardiovascular diseases.

[0004] Several fabrication methods are developed and widely popular in the market for synthesizing metal free based indole derivative using one pot multi compo

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Design Application Details

Application Number:

358311-001

Cbr Number:

213209

Cbr Date:

10/02/2022 14:19:12

Applicant Name:

1. Dr Rajat Gera 2. Dr. Priyanka Chadha 3. Dr Alok Kumar
4. Dr.Yogendra Kumar Awasthi 5. Venkatesh Bharti

Design Application Status

Application Status:

Design Accepted and Published, Journal No is 02/2023 and Journal Date is 13/01/2023

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Application Details

APPLICATION NUMBER	202211072102
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	14/12/2022
APPLICANT NAME	**K.R. Mangalam University**
TITLE OF INVENTION	A METHOD FOR ANALYZING IMPACT OF DIGITAL CULTURE ON EDUCATION
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	pooja@innoveintellects.com
ADDITIONAL-EMAIL (As Per Record)	pujakr@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	30/12/2022

Application Status

APPLICATION STATUS

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Patent Search

Invention Title	"ABNORMALITY DETECTION AND SAFETY MONITORING SYSTEM"
Publication Number	52/2022
Publication Date	30/12/2022
Publication Type	INA
Application Number	202211069712
Application Filing Date	02/12/2022
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	ELECTRONICS
Classification (IPC)	H04N0007180000, G08B0013196000, H04N0005232000, H04N0005225000, G06N0003040000

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Applicant

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Abstract:

The present invention relates to a surveillance system, and more specifically, to a trainable abnormality detection and surveillance systems which detect and respond abnormal video and audio input signals. The abnormality detection and safety monitoring system include a set of sensors to record various attributes from the surro of cameras configured to capture video image data, a database for storing a video image data, a retrieving module configured to retrieve a collection of video image d storage unit configured to store machine-readable instruction, a one or more processing unit configure to automatically compares specific measured movements of a person or persons with a trainable, predetermined set of "typical" movements to determine the level and type of criminal or mischievous event, and a communicatio communicate data throughout the system.

Complete Specification

TECHNICAL FIELD

[0001] The present invention relates to a surveillance system, and more specifically, to a trainable abnormality detection and surveillance systems which detect ar respond to specific abnormal video and audio input signals.

BACKGROUND ART

[0002] Background description includes information that may be useful in understanding the present invention. It is not an admission that any of the informatior provided herein is prior art or relevant to the presently claimed invention, or that any publication specifically or implicitly referenced is prior art.

[0003] Mobile computing devices have gradually become a ubiquitous part of daily life. Traditionally, a mobile computing device such as a smartphone may be ca a person in a pocket, a purse, a briefcase, a backpack, a messenger bag, etc. In other situations, the mobile computing device may be located nearby a person, such table or in a car. In nearly all of these instances, users of smartphones and tablets have access to a portable device that is capable of communicating with others, ca of executing applications, and capable of sending and receiving information to other devices.

[0004] While mobile computing devices provide users the ability to communicate with others and reach out for help in the event of an emergency, it may be diffic impossible to efficiently and accurately provide critical information to an emergency dispatch center when time is of the essence.

[0005] Remote security monitoring systems in which a video camera is trained on a subject or area of concern and observed by a trained observer are known in tl Also, infant or child monitors that transmit audio to a portable receiver are available in the market. These devices, however, require constant attention in order to p protection to the subject or area of concern, such as an elderly person, infant, or child

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K.R. Mangalam University
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Patent Search

Invention Title	CLASSROOM PARTICIPATION DETECTION DEVICE
Publication Number	51/2022
Publication Date	23/12/2022
Publication Type	INA
Application Number	202211071433
Application Filing Date	11/12/2022
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	PHYSICS
Classification (IPC)	G09B0005060000, E05B0063080000, E05B0013100000, G01B0005252000, A47B0039060000

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Abstract:

The present invention relates to a classroom participation detection device. Particularly, the present invention relates to a device which is installed in a classroom for classroom participation.

Complete Specification

FIELD OF INVENTION:
The present invention relates to a classroom participation detection device. Particularly, the present invention relates to a device which is installed in a classroom fo detecting the classroom participation.

BACKGROUND OF THE INVENTION:
In a classroom setting, while the teaching-learning process is going on, it is obvious that certain students remain active throughout while others show lesser indulge a teacher, identifying those students who are hyperactive and those who are hypoactive is essential since it helps with planning the required strategies for the stud The existing identification methods are specifically based on the teacher where she, by the parameters set by herself, identifies the students who remain active and concentrate less in the classroom.
In view of the above, there arises a need to develop an improved device which eliminates the problems associated with earlier methods in determining the activity students in the class. The present invention provides a fast, easy, and efficient, low-cost device to help the teachers to collect the data related to the activity of stude (behaviour analysis) and their engagement in different subjects.

OBJECTIVE OF THE INVENTION:
The objective of the present invention is to provide a device for classroom participation detection

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Application Details

APPLICATION NUMBER	202211069907
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	04/12/2022
APPLICANT NAME	1 . Dr. Tabassum Ara 2 . Dr Bhagavant.K.Deshpande 3 . Dr. Chandramouli H 4 . Neha Gupta 5 . Umang Garg 6 . Dr Swati Gupta
TITLE OF INVENTION	AIR QUALITY PREDICTION BASED BIG DATA ANALYTICS AND DEEP LEARNING
FIELD OF INVENTION	COMPUTER SCIENCE
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E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	16/12/2022

Application Status

APPLICATION STATUS

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➡ Filed ➡ Published ➡ RQ Filed ➡ Under Examination

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Application Details

APPLICATION NUMBER	202311048434
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	19/07/2023
APPLICANT NAME	1 . Dr Pooja Verma 2 . Dr P. C. Jena 3 . Dr Shabia Subuhi 4 . Dr Binti Dua 5 . Mr. Osama Qamar 6 . Dr Harveen Kaur
TITLE OF INVENTION	ARTIFICIAL INTELLIGENCE BASED CONCEPTS FOR DEVELOPING ENGLISH LANGUAGE TEACHING OR LEARNING SKILLS
FIELD OF INVENTION	ELECTRONICS
E-MAIL (As Per Record)	info@lexgin.com
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E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	11/08/2023

Application Status

APPLICATION STATUS

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Filed → Published → RQ Filed → Under Examination → Disposed

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35

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Patent Search

Invention Title	"METHOD OF HUMAN RESOURCE MANAGEMENT FOR EMPLOYEE RETENTION"
Publication Number	50/2022
Publication Date	16/12/2022
Publication Type	INA
Application Number	202211071312
Application Filing Date	10/12/2022
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	COMPUTER SCIENCE
Classification (IPC)	G06Q0010100000, G06Q0010060000, H04L0012460000, G06Q0050260000, G07C0005000000

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Abstract:

The invention relates to the field of human resource management, and more specifically to a method for improving retention of employees. The method of human re management for employee retention includes inputting employee well-being program data, receiving as input, by an engagement analysis computing device and via a interface, engagement data and criticality data for at least one employee, monitoring changes in employee employment status data, analyzing the correlation betwee program data and changes in employee employment status data using an extreme gradient boosting prediction model, mapping the engagement analysis on compu generating the engagement analysis using computing device, and notifying over a computer network to at least one other employee based on the mapping.

Complete Specification

TECHNICAL FIELD

[0001] The invention relates to the field of human resource management, and more specifically to a method for improving retention of employees.

BACKGROUND ART

[0002] Background description includes information that may be useful in understanding the present invention. It is not an admission that any of the informatior provided herein is prior art or relevant to the presently claimed invention, or that any publication specifically or implicitly referenced is prior art.

[0003] Employee retention can simply be defined as the strategies put in place by an organization to retain its employees and reduce turnover. Employee retentio be represented by a simple statistic (for example, a retention rate of 80% usually indicates that an organization kept 80% of its employees in a given period). The rat retention is the inverse of the rate of employee turnover and expectedly if a relatively high number of employees stayed at post within a specified period, then the retention rate is high and the turnover rate is low i.e. (Retention rate = 1/turnover rate). Retaining employees is an important goal of every organization. It helps red wastage in terms of the time, effort and money spent in hiring and training new employees and integrating them into the organization.

[0004] Employee engagement has become the most sought-after concept of any business environment. The idea of employee engagement is derived from the co that a company wants to create a mutually-beneficial long-term relationship with employees and by extension, customers, such that commitment, loyalty, and profi can soar. As is often the case, an employer cannot manage it if the employer does not measure it.

[0005] Conventional methods for measuring employee engagement usually include conducting employee sentiment surveys. There can be large delays between the survey, distributing the survey, gathering survey responses, analyzing the collected data, and presenting the results. Given the amount of effort required, emplo

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Application Details

APPLICATION NUMBER	202211066143
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	18/11/2022
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TITLE OF INVENTION	MACHINE LEARNING BASED APPROACH TO STUDY THE ECOLOGICAL FACTORS AND ITS IMPACT IN MANAGING AIR POLLUTION
FIELD OF INVENTION	COMPUTER SCIENCE
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E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	09/12/2022

Application Status

APPLICATION STATUS

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Patent Search

Invention Title	A SYSTEM AND METHOD FOR HUMAN RESOURCE MANAGEMENT USING INTERNET OF THINGS (IOT)
Publication Number	48/2022
Publication Date	02/12/2022
Publication Type	INA
Application Number	202211068161
Application Filing Date	26/11/2022
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	BIO-MEDICAL ENGINEERING
Classification (IPC)	A61B0005020500, A61B0005110000, A61B0005160000, H04L0067109700, A61B0005024000

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Abstract:

In the present aspect of the invention, for a system and method for human resource management using IoT, the system (100) is comprises of a plurality of biometric adapted to identify a individual (201) at a predefined location which is connected to controller (102). A controller (102) connected to a memory unit (103) where prede processing condition are pre-stored with the individuals (201), a data analyzing module (104) that compares the identified individual (201) with the prestored data, a p module (105) connected to controller (102) that checks out the individual (201) with and saves the data to cloud storage (106) for predefined time, an output module (accessing data stored in the cloud storage, wherein the processing module (105) connected to controller (102) sends an alert on the electronic device as output modu an authorized user to confirm the individuals based (201) on processed data.

Complete Specification

TECHNICAL FIELD

[0001] The present disclosure generally relates to garbage disposal and management. More specifically, the present disclosure relates to a system for garbage diversification and classification using sensor based cloud technique.

BACKGROUND

[0001] Background description includes information that may be useful in understanding the present invention. It is not an admission that any of the informatior provided herein is prior art or relevant to the presently claimed invention, or that any publication specifically or implicitly referenced is prior art.

[0002] Sustainable development in every possible dimension whether it is health, finance, refuge and spirit, is demand of everyone. Of all the required possessior one which we are concern about in our work is health. If any individual will be ask to answer what is the root cause of unhygienic environment in our country India, most of us will end up with the answer of having improper waste management system. Waste management system can be defined as process which undertakes th activities of collecting, transporting, disposing and recycling of waste. The process is managed and capitalized by government entities, for this certain policies are de as well. The policies contain the specifications which mention the management of waste should be performed in hygienic way.

[0003] The commonly found scenario everyone is complaining against the waste mismanagement, but also they are the generator of it as well. In respect to land f almost all individuals mostly show the reluctant behavior. The end result is more incinerators and polluted environment. Among all the major findings, the main pol material which is made of plastic whether it is form of tin, bags or any such. The negative point having the plastic is that it is non- renewable resource used widely a around the globe. The requirement insisted keeping all the points in focus is presence of proper suitable solid waste management

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Application Details

APPLICATION NUMBER	202211065333
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	15/11/2022
APPLICANT NAME	**K.R. Mangalam University**
TITLE OF INVENTION	SYSTEM FOR EVALUATING STUDENTS PARTICIPATION IN CLASSROOM USING ARTIFICIAL INTELLIGENCE
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	pooja@innoveintellects.com
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E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	25/11/2022

Application Status

APPLICATION STATUS

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Patent Search

Invention Title	METHOD AND SYSTEM FOR DIAGNOSING CARDIAC DISEASES USING ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING
Publication Number	46/2022
Publication Date	18/11/2022
Publication Type	INA
Application Number	202211063897
Application Filing Date	09/11/2022
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	BIO-MEDICAL ENGINEERING
Classification (IPC)	A61B0005000000, G16H0050200000, G06N0003040000, G06N0003080000, A61B0005316000

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Abstract:

The present invention relates to a method for diagnosing silent and/or symptomatic cardiac diseases in human patients. This method is based on extracting and anal factors or a combination of hidden and known factors of ECG signals. The method can be used to diagnose cardiac diseases in human patients. The method of diagn use of the resting electrocardiogram (ECG) signals of a group of patients who have already been diagnosed. The group includes patients who have been a-priori diagr patients as well as patients who have been a-priori diagnosed as healthy patients by reliable procedures. The processed related raw input signals of identified patient used to train artificial neural networks to effectively categories the heart illness. This training is done in an iterative manner. It is possible to preserve the weights and which together constitute the trained neural networks. Patients who are unknown and new are given a diagnosis of either being unwell or healthy by having their ma ECG data processed by neural networks that have been trained.

Complete Specification

FIELD OF THE INVENTION

The present invention relates to the area of medical signals analysis utilizing Machine Learning procedures as the underlying framework. To be more specific, the in relates to a method and system for diagnosing cardiac diseases by using factors obtained by employing Artificial Neural Network processing of medical signals. This method and system are both aspects of the invention.

Background of the invention:

Ischemia occurs when an organ does not receive an adequate supply of blood, most frequently as a result of a blocked artery. Myocardial ischemia is a condition th occurs when the heart tissue is deprived of oxygen and other nutrients either gradually or abruptly. This can occur as an intermediate stage in coronary artery dise heart attack will occur when the blood supply to the heart has been completely cut off because this will eventually cause the affected heart tissue to perish. Howeve accounts for only 15% of all instances of a heart attack. Pathologists have shown that the majority of attacks take place after a plaque fibrous cap on the artery inte breaks open, which then encourages a blood clot to form over the break in the plaque. Because the clot is blocking the artery, a heart attack will occur suddenly anc without warning (Libby. P., Atherosclerosis: The new view. Scientific American, May 2002, 29-37.). Ischemia can present with symptoms (both physical and diagnostic can be asymptomatic (i.e., without symptoms). Up to four million people in the United States may have silent ischemia and be at high risk of having a heart attack w any early warning signs, as reported by the American Heart Association (AHA).

Diagnostic procedures for myocardial ischemia include: resting, exercising, or ambulatory electrocardiograms (ECGs); scintigraphy studies (radioactive heart scans); echocardiography; coronary angiography; and, in extremely rare cases, positron emission tomography. Catheterization, on the other hand, is the method that provi

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Application Details

APPLICATION NUMBER	202211063581
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	08/11/2022
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TITLE OF INVENTION	A SYSTEM USING BOT FOR SIMULATED PATIENT RESPONSES TO TRAIN SUBJECTIVE REFRACTION PROCEDURE
FIELD OF INVENTION	BIO-MEDICAL ENGINEERING
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E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	18/11/2022

Application Status

APPLICATION STATUS

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➡ Filed ➡ Published ➡ RQ Filed ➡ Under Examination

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Patent Search

Invention Title	A MULTI-LEVEL MODEL FOR STRATEGIC IMPLEMENTATION ON SUSTAINABLE DEVELOPMENTAL GOALS IN HIGHER EDUCATION INSTITU
Publication Number	45/2022
Publication Date	11/11/2022
Publication Type	INA
Application Number	202221062490
Application Filing Date	02/11/2022
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	COMPUTER SCIENCE
Classification (IPC)	G06Q0010060000, A61K0031050000, A61K0031365000, H04M0003220000, G16H0010200000

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Abstract:

This study aims to identify the role of higher education quality assurance in achieving sustainable development goals. To support this aim, the following objectives we formulated: to discuss and summarize the best practices of QA agencies in promoting SDGs, to identify how Ukrainian universities consider SDGs in their policies, to c recommendations for internal, and external quality assurance systems regarding SDG achievement. This qualitative study is based on a case study, observation, and questionnaire methods. Ukrainian higher education quality assurance systems are taken as a case study for this article. Primary data are collected through an online questionnaire and observation of Ukrainian universities' publicly available information regarding sustainable development activities at their official websites. Additior publicly available documents, reports, and materials on the experience of foreign quality assurance agencies are also reviewed, compared, and contrasted. The result research can be used at national levels where higher education standards should include competence in sustainable development goals, at institutional level to impro quality assurance system, and at the study program level to include SDG consideration as one of the requirements during internal quality assurance procedures.

Complete Specification

A MULTI-LEVEL MODEL FOR STRATEGIC IMPLEMENTATION ON SUSTAINABLE DEVELOPMENTAL GOALS IN HIGHER EDUCATION INSTITUTIONS

FIELD OF THE INVENTION

This invention relates to the role of higher education quality assurance in achieving sustainable development goals; More particularly this invention elaborates to de- velop recommendations for internal and external quality assurance systems regarding SDG achievements.

BACKGROUND OF THE INVENTION

The global pandemic demonstrates how sensitive and vulnerable humanity is, and we need to join efforts to ensure a healthy, comfortable, decent life for future generations. A high quality education plays a key role in the formation of a civil society and prepares critically thinking people who feel a responsibility to conserve resources and ecosystems, defend the environment, and overcome hunger and poverty. states that HEIs should promote SDGs, and internal and external quality assurance systems should evaluate and

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Application Details

APPLICATION NUMBER	202211061765
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	30/10/2022
APPLICANT NAME	1 . Neeta Sharma 2 . Priya Sharma 3 . Dr. Ashish Gupta 4 . Neha Gupta 5 . Arjun Rai Dutta 6 . Dr Meenu Vijarania
TITLE OF INVENTION	AN EFFICIENT TECHNIQUE TO PREDICT PLANT NUTRITION DEFICIENCY USING MACHINE LEARNING
FIELD OF INVENTION	COMPUTER SCIENCE
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E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	11/11/2022

Application Status

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Patent Search

Invention Title	AN ARTIFICIAL INTELLIGENCE-BASED SYSTEM FOR IMPROVING ONLINE EDUCATION AND TEACHING SKILL
Publication Number	43/2022
Publication Date	28/10/2022
Publication Type	INA
Application Number	202241059682
Application Filing Date	19/10/2022
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	COMPUTER SCIENCE
Classification (IPC)	G06Q0050200000, G09B0019000000, H04N0007150000, G09B0007000000, G09B0007020000

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Sruthi S	Guest Lecturer in Commerce, Kerala University, University Institute of Technology, Veli, Trivandrum, Kerala	India

Abstract:

The present invention discloses an artificial intelligence-based system for improving online education and teaching skill. The system includes, but not limited to, an ar intelligence based interface provided with communication of learning material to a student user via the Internet and receipt of progress information regarding the stu understanding of the learning material over the Internet and scheduling a video conference between the student user and the teacher user. Further, the student-inte user's activity with the learning material, the time it takes for the student-user to finish sections of the learning material, or the student-test user's replies to a series c questions are all included in the progress information. Accompanied Drawing [FIGS. 1-2]

Complete Specification

Description:[001] The present invention relates to the field of devices, systems, methods and techniques for presenting, tracking, reporting, and analyzing the syster improving online education. The invention more particularly relates to an artificial intelligence-based system for improving online education and teaching skill.

BACKGROUND OF THE INVENTION

[002] The following description provides the information that may be useful in understanding the present invention. It is not an admission that any of the informatic provided herein is prior art or relevant to the presently claimed invention, or that any publication specifically or implicitly referenced is prior art.

[003] Further, the approaches described in this section are approaches that could be pursued, but not necessarily approaches that have been previously conceived pursued. Therefore, unless otherwise indicated, it should not be assumed that any of the approaches described in this section qualify as prior art merely by virtue o inclusion in this section.

[004] The current invention relates to online education delivered via the Internet, specifically the incorporation of live instructors. Many learners (students) are confi the role of the spectator, frequently observing what is happening around them without taking part. Students might also struggle with language barriers and/or a lac expertise or confidence to participate. Traditional online teaching techniques only monitor students' progress and, in the event of a failure, loop them back to a che This relatively isolating setting for learning does not support or in any other way boost drive to study.

[005] Accordingly, on the basis of aforesaid facts, there remains a need in the prior art to provide an artificial intelligence-based system for improving online educati teaching skill. The proposed system overcomes the problem of conventional and complex techniques, and which have the potential of accelerating through the vari intelligent modules. Therefore, it would be useful and desirable to have a system, method, apparatus and interface to meet the above-mentioned needs.

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Application Details

APPLICATION NUMBER	202211060513
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	22/10/2022
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TITLE OF INVENTION	AI-BASED FACE RECOGNITION SYSTEM USING DEEP RECURRENT NEURAL NETWORK
FIELD OF INVENTION	COMPUTER SCIENCE
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E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	28/10/2022

Application Status

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Patent Search

Invention Title	A METHOD TO SYNTHESIZE MARIGOLD FLOWER MORPHOLOGY OF ZNO NANOPARTICLES WITH ENHANCED SOLAR RADIATION DRIVEN PHOTOCATALYTIC ACTIVITY
Publication Number	42/2022
Publication Date	21/10/2022
Publication Type	INA
Application Number	202211057691
Application Filing Date	08/10/2022
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	CHEMICAL
Classification (IPC)	B01J0035000000, C02F0101300000, C02F0001300000, H01L0051420000, C07C0403240000

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Abstract:

The present invention relates to a method to synthesize marigold flower. The invention more particularly relates to a method to synthesize marigold flower morpholc nanoparticles with enhanced solar radiation driven photocatalytic activity. The present invention synthesis of marigold flower morphology of ZnO nanoparticles for d of organic dye (Methylene Blue) is disclosed. The unique morphology has been achieved through solvothermal method. As prepared nanoparticles has high surface t ratio which enhance their Photocatalytic activity potentially for degradation of organic pollutant present in effluent. Here in, we obtained facile approach for fabricatic ZnO nano structures with in-depth investigation of their structural, optical, solar radiation driven Photocatalytic activities.

Complete Specification

FIELD OF THE INVENTION

[001] The present invention relates to a method to synthesize marigold flower. The invention more particularly relates to a method to synthesize marigold flower morphology of ZnO nanoparticles with enhanced solar radiation driven photocatalytic activity.

BACKGROUND OF THE INVENTION

[002] The following description provides the information that may be useful in understanding the present invention. It is not an admission that any of the informati provided herein is prior art or relevant to the presently claimed invention, or that any publication specifically or implicitly referenced is prior art.

[003] The morphology of nanoparticles is tuneable by changing the synthesis route, precursors, concentration and heating parameters. Several attempts have been for novel designs of ZnO nano structures by researchers because of its potential applications.

[004] Among those applications Photocatalytic activity is most important as well as demanding from environmental cleaning and effluent treatment aspect. Here in successfully obtained marigold flower morphology which has highest surface to volume ratio among any other morphologies and provides remarkable degradation 98%) of methylene blue dye.

[005] Treatment with other organic dye like orange dye, amine dyes etc. may show further potential Photocatalytic nature of these unique morphology nanoparticle helps to purify the effluent of various colour based, chemical oriented industries.

[006] Accordingly, based on aforesaid facts, there remains a need in the prior art to provide a method to synthesize marigold flower morphology of ZnO nanoparticl enhanced solar radiation driven photocatalytic activity. Therefore, it would be useful and desirable to have a system, method, apparatus, and interface to meet the

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Application Details

APPLICATION NUMBER	202211059049
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	17/10/2022
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TITLE OF INVENTION	ANTIBACTERIAL & ANTIOXIDANT DEVELOPMENT AND EVALUATION OF NYCTHANTHUS ARBORTRITIS GEL
FIELD OF INVENTION	BIOTECHNOLOGY
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ADDITIONAL-EMAIL (As Per Record)	
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	21/10/2022

Application Status

APPLICATION STATUS

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Patent Search

Invention Title	INFORMATION AND COMMUNICATION TECHNOLOGY TOOLS FOR RESEARCH IN SOCIAL SCIENCE
Publication Number	41/2022
Publication Date	14/10/2022
Publication Type	INA
Application Number	202241056370
Application Filing Date	30/09/2022
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	COMMUNICATION
Classification (IPC)	H04L0001000000, G06Q0010100000, G06Q0050000000, G06Q0010060000, G09B0019000000

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Abstract:

Rapid advances in science, technology, and education are causing new societal patterns and behaviours. Youth and researchers love social networking. Researchers p the internet to access e-journals and e-books. As more ICT tools are produced and employed in social science research, it's a good idea to reflect on how ICT affected science research as a whole, as such a study is scarce. Interviews revealed information-seeking behaviors. The qualitative interviews and analysis using grounded the results were compared to the social scientist's earlier work to determine similarities and differences. This study used a participatory observation approach to examin affected social science research in three areas: pre-data analysis, data analysis, and post-data analysis. These three ICT applications enhanced researchers' speed, qu quality, complexity, and cost.

Complete Specification

Description:The 21st century is marked by the rapid rate of technological and social change. There were Techtronic changes in ICT since the 1970s e.g. from the mai in the 1970s, Personal computers in 1980s, Client Server Architecture in 1990s, and Internet in 2000s to now Big Data Analytics and Cloud Computing in 2010s are d visible. The application of these ICTs had effects on the approach how researchers conducted their social science research. In the 2010s social science research is co differently from those in several decades before. Part of the factors may due to the advancement of ICT several decades ago. Despite there were many in-depth res being conducted on how ICT had effects on specific social science disciplines like in education, psychology, sociology, economics, there is still lack of study on how IC transformed the social science research as a whole. This technology includes the creation, acquisition, storage, organization, dissemination, retrieval, processing, ar interpretation, transmission of information to accumulate knowledge and expedite communication. Social science research is the systematic process of finding solu problem and economies. Firstly, it provides an overview on how ICT had effects on social science research as a whole without drilling into each specific social scienc disciplines like education, psychology, sociology, economies et al. Secondly, it hopes to enable social science researchers to examine themselves whether they are leveraging on some of the ICTs. If they are not, they can start adopting some of the ICTs to improve their research productivity. This second objective also enables researchers to reflect on how ICT had transformed the way they conduct social science research in the 2010s compared to those in previous eras. Lastly, this inventi enable ICT professionals to understand how ICT had effects on social science research. Fig.1 depicts the Components of ICT.

In this changing era of globalization, today both students and academics have particular learning needs and require a number of skills and capabilities to achieve su ICT had effects on many facets of social science research. They can be classified into three categories which include: a) ICT application in pre-data analysis, b) ICT ap

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Application Details

APPLICATION NUMBER	202211054793
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	24/09/2022
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TITLE OF INVENTION	AN EMPIRICAL INVESTIGATION OF THE EFFECTS OF FOREIGN DIRECT INVESTMENT ON THE INDIAN ECONOMY, FOCUSING ON THE SERVICE INDUSTRY
FIELD OF INVENTION	COMPUTER SCIENCE
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E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	07/10/2022

Application Status

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Patent Search

Invention Title	MACHINE LEARNING BASED APPROACH TO ANALYZE THE VARIOUS MATERIALS THAT ARE USED TO PRODUCE BIOPLASTICS AND REDUC NEGATIVE IMPACT OF NON DEGRADABLE PLASTICS
Publication Number	39/2022
Publication Date	30/09/2022
Publication Type	INA
Application Number	202221044533
Application Filing Date	04/08/2022
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	BIO-MEDICAL ENGINEERING
Classification (IPC)	A61B0005145000, G06N0020000000, A61K0039395000, G06K0009620000, G01N0033000000

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Applicant

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Abstract:

Machine Learning based approach to analyze the Various Materials that are used to produce bio plastics and reduce the Negative Impact of Non-Degradable Plastics proposed invention. The proposed invention focuses on analysing the various materials that are used in producing bio plastics. The algorithms of machine learning a analyzing the bio plastics along with predicting the negative effects of non-degradable plastics.

Complete Specification

Description:[0001] Background description includes information that may be useful in understanding the present invention. It is not an admission that any of th information provided herein is prior art or relevant to the presently claimed invention, or that any publication specifically or implicitly referenced is prior art.
[0002] Bio plastics are plastic materials are produced from renewable bio mass sources such as vegetable fats and oils, corn starch, straw, woodchips, saw dust, r food waste etc. Some bio plastics are obtained by processing directly from natural bio polymers including polysaccharides and proteins while others are chemically synthesized from sugar derivatives and lipids from either plants or animals or biologically generated by fermentation of sugars or lipids.
[0003] A number of different types of bioplastic analysis systems that are known in the prior art. For example, the following patents are provided for their suppor teachings and are all incorporated by reference.
[0004] Overview of Bioplastic Introduction and Its Applications in Product Packaging Each year, more than 330 million tons of plastic are produced worldwide. The consumers of plastics are the packaging (40%), building (20%) and automotive (8%) industries, as well as for the manufacture of household appliances. The vast maj industrial plastics are not biodegradable and, therefore, create environmental problems due to the increase in the amount of solid waste. Studies have been condu produce biodegradable materials such as bioplastics to overcome this environmental problem. Bioplastics are defined as materials that are bio-based, biodegradab both; they can provide excellent biodegradability and can be used to help alleviate environmental problems. Therefore, this article presents an overview of the intro of bioplastic materials and classifications, and a comprehensive review of their drawbacks and areas of importance, including basic and applied research, as well as biopolymer mixtures and bio composites developed in the last decade. At the same time, this article provides insights into the development of bioplastics research the needs of many industries, especially in the packaging industry in Malaysia. This review paper also focuses generally on bioplastic packaging applications such as

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Application Details

APPLICATION NUMBER	202211054424
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	22/09/2022
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TITLE OF INVENTION	INTEGRATED MACHINE VISION SYSTEM FOR HUMAN MICRO-EXPRESSION CLASSIFICATION BY AI IMAGE PROCESSING
FIELD OF INVENTION	COMPUTER SCIENCE
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E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	30/09/2022

Application Status

APPLICATION STATUS

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Patent Search

Invention Title	DEVELOPING SUSTAINABLE GREEN ELECTRONICS FOR AN ENVIRONMENTALLY-FRIENDLY FUTURE
Publication Number	39/2022
Publication Date	30/09/2022
Publication Type	INA
Application Number	202211054425
Application Filing Date	22/09/2022
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	COMPUTER SCIENCE
Classification (IPC)	G06Q0030020000, G06Q0010060000, B01D0053620000, C25D0005480000, C08L0033120000

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Abstract:

With an upsurge in the consciousness regarding the protection of the environment and environmental changes, industries have started research and develop produc contemplate the need for environmental conservation as well as provide them to sustain their market share and competitive edge. Currently, nations and citizens are concerned about environmental protection, and hence a new arrangement has come up as Green Business. Many companies use Green marketing as a tool. The eco process uses fewer resources which results in reduced environmental impacts, provides customer value and therefore is of great importance. The objective of this is t to the comprehension in the area of green electronic products in the domain of green marketing. This study reviews green marketing and green electronic products. T many kinds of research related to green marketing, but only a few have focused on green electronic products in the context of green marketing.

Complete Specification

FIELD OF THE INVENTION

This invention is related to Green Electronics for a Sustainable Future.

BACKGROUND OF THE INVENTION

According to the American Marketing Association, green marketing products are those that focus on process, modification, packaging, and branding and are presumptively safe for the environment. Green marketing refers to the idea of holistic marketing, in which products and services are produced, used, and disposed of in a way that minimises environmental damage while raising awareness of the effects of global warming and other harmful factors. Waste that is solid and not biodegradable, etc. Green marketing combines a wide range of activities, including changes to product processes, product changes, packaging changes, and advertisements. Even yet, it can be challenging to elaborate on green marketing. It's a common misconception that green marketing primarily involves using, promoting, and commercializing goods with environmental attributes. Consumers typically associate green marketing with terms like environmentally friendly, recyclable, ozone friendly, phosphate free, and refillable This

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Patent Search

Invention Title	HUMAN RESOURCE DEVELOPMENT IN AUTOMOBILE INDUSTRY(A COMPARATIVE STUDY OF COMPANY X AND COMPANY Y)
Publication Number	38/2022
Publication Date	23/09/2022
Publication Type	INA
Application Number	202211053867
Application Filing Date	20/09/2022
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	COMPUTER SCIENCE
Classification (IPC)	G06Q0010060000, G06Q0050200000, G09B0019000000, G09B0007020000, G06Q0010040000

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Abstract:

The present invention relates to effective performance of any organization depends not just on the available resources, but its quality and competence as required by organization from time to time. Moreover, the efficiency various areas of business depend to a greater extent on the level of human resources development. HRD is a improved performance and productivity through increased knowledge, competencies, skills, and attitudes. In other words, HRD is about learning, its effects on people on the company. The more important aspects of human resources are aptitude, values, attitudes and beliefs.

Complete Specification

FIELD OF INVENTION:
The present invention relates to a comparative study of performance of the organizations such as company X and company Y.

BACKGROUND OF THE INVENTION:
The calibre of an organization's workforce determines its success. Numerous studies have demonstrated that enhancing human resources' integrated personalities significantly improved the work. Only through the efforts and skills of its staff can any organization's goals be accomplished. HRD is a creative strategy with the won promise of enhancing the working lives of each person in a business. HRD has grown into a fully-fledged distinct management system. The idea of HRD is crucial in current environment for addressing both possibilities and risks that employees confront as a result of globalisation.

Since it has become crucial to the success of every business, HRD, which is only somewhat new, has gained speed in both public and private sector enterprises. Sim a company's human resource development plan should reduce financial risk while maximising return on investment in its employees. Every firm strives to find the r qualified human capital, keep them engaged, and place them in positions where they will thrive. An company cannot succeed if its workforce's abilities are not conti developed. Effective and motivated employees are crucial for the survival and success of a firm. Any business interested in increasing its efficiency in terms of bette lower costs, goodwill, fast service, etc.

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Application Details

APPLICATION NUMBER	202211051481
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	09/09/2022
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TITLE OF INVENTION	ARTIFICIAL INTELLIGENCE INTEGRATED HUMAN PARADIGM THROUGH ORGANIZATIONAL AGILITY AND SUSTAINABLE PERFORMANCE
FIELD OF INVENTION	COMPUTER SCIENCE
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E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	16/09/2022

Application Status

APPLICATION STATUS

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➡ Disposed

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Application Details

APPLICATION NUMBER	202211051656
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	09/09/2022
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TITLE OF INVENTION	ARTIFICIAL INTELLIGENCE BASED SMART SYSTEM TO MONITOR AND PREDICT THE PERFORMANCE OF EMPLOYEES FOR HUMAN RESOURCES MANAGEMENT WITH TREMENDOUS GROWTH OF INDUSTRY
FIELD OF INVENTION	COMPUTER SCIENCE
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PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	16/09/2022

Application Status

APPLICATION STATUS

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Patent Search

Invention Title	ORAL HYGIENE IMPROVING COMPOSITION AND METHOD
Publication Number	36/2022
Publication Date	09/09/2022
Publication Type	INA
Application Number	202241050500
Application Filing Date	05/09/2022
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	MECHANICAL ENGINEERING
Classification (IPC)	B60W0020100000, B60K0006480000, B60W0030180000, B62D0025080000, C09K0008588000

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Abstract:

Title: ORAL HYGIENE IMPROVING COMPOSITION AND METHOD ABSTRACT Method for retarding pellicle and plaque formation which includes contacting sites of plaq and growth with dental preparation containing certain fatty acid amido compounds and/or salts thereof and dental preparations containing the fatty acid amido com and/or salts thereof. Claims: 7

Complete Specification

Description:ORAL HYGIENE IMPROVING COMPOSITION AND METHOD

BACKGROUND

[001] Field of the invention

[002] Embodiments of the present invention generally relate to an oral hygiene product and more specifically to a dental preparations containing the fatty acid a compounds and/or salts and a method for retarding pellicle and plaque formation by contacting sites of plaque formation and growth with certain fatty acid amido compounds and/or salts thereof.

[003] Description of related art

[004] Dental pellicle is a soft deposit tenaciously held on the surf aces of the teeth which includes salivary protein. Dental plaque is a product of microbial growth tenaciously attached to the surfaces of the teeth and adjacent gingiva, and exhibits a definite microscopic structure.

[005] If not removed, the plaque will become mineralized to form calculus and eventually lead to dental caries. Dental experts generally believe that calculus, als as tartar, is dental plaque which has become mineralized with calcium phosphate, magnesium phosphate, calcium carbonate and other trace minerals found in the If calculus is not removed from around the teeth and under the gum, inflammation can result which can ultimately lead to periodontal disease and subsequent toot

[006] Although plaque can be removed from the teeth by thorough abrasive action, it quickly reforms on the tooth surface. Accordingly, the incidence of dental c and subsequent periodontal disease can be reduced by reducing or preventing the deposition of plaque and by means which prevent mineralization of the plaque

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Application Details

APPLICATION NUMBER	202211047396
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	19/08/2022
APPLICANT NAME	1 . Satish Kumar 2 . Mukesh Kumar 3 . Nitesh Kumar 4 . Dr. Yogendra Kumar Rajoria 5 . Dr. Rahul Boadh 6 . Dr. Chandra Mohan
TITLE OF INVENTION	MACHINE LEARNING-BASED AUTOMATIC WASTE MANAGEMENT FOR E-ENVIRONMENT
FIELD OF INVENTION	MECHANICAL ENGINEERING
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PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	02/09/2022

Application Status

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Patent Search

Invention Title	SYNTHESIS, CHARACTERIZATION AND EVALUATION OF INTEGERRIMIDE-A AS POTENTIAL ANTIMICROBIAL AND ANTICANCER AGENT
Publication Number	34/2022
Publication Date	26/08/2022
Publication Type	INA
Application Number	202211046268
Application Filing Date	13/08/2022
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	BIOTECHNOLOGY
Classification (IPC)	A61K0038000000, C07K0007640000, C12Q0001020000, C12Q0001180000, A61K0031704000

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Dr. ASHUTOSH AGGARWAL	Department of Pharmacology, Seth G L Bihani S D College of Tech Education, Sriganganagar, Rajasthan-335501, India	India

Abstract:

The present invention reports the synthesis of cyclic heptapeptide, Integerrimide-A which was previously isolated from latex of Jatropha integerrima, accomplished th coupling of tetra-peptide fragment (Boc-Gly-L-Leu-L-Leu-L-Leu-OMe) with tri-peptide fragment (L-Thr-L-Pro-L-Trp-OMe) followed by cyclization of the linear heptapepti under alkaline condition. The formation of newly synthesized cyclic compound was confirmed by means of spectral techniques including FT-IR, 1H-NMR, Mass spectrc with elemental analyses. Integerrimide-A was subjected for biological screening to evaluate antimicrobial and anticancer activities. The anti-bacterial activity was carri using Gram +ve bacteria (B. subtilis, S. epidermidis) and Gram -ve bacteria (E. coli, P. aeruginosa, S. aureus and K. pneumonia). The anti-fungal activity was performed fungal strains like C. albicans, A. niger, T. mentagrophytes and M. audouinii. Similarly, the cytotoxic activity of synthesized cyclic peptide was carried out through MTT Doxorubicin as standard drug on HCT116 and B16F10 cell lines. The cytotoxic effect was evaluated by determining the percentage inhibition of growth of HCT116 and lines. Then CTC50 (Concentration of test drug needed to inhibit cell growth by 50%) values were calculated by graphical extrapolation method. Different concentratior control and standard drug (120-7.5 µg/mL) were used for the cytotoxicity study. It was observed that this cyclic peptide exhibited significant antimicrobial and cytotox against cancer cell lines.

Complete Specification

FIELD OF THE INVENTION

The present invention relates to synthesis, characterization and evaluation of Integerrimide- as potential antimicrobial and anticancer agent.

BACKGROUND OF THE INVENTION

References which are cited in the present disclosure are not necessarily prior art and therefore their citation does not constitute an admission that such references prior art in any jurisdiction. All publications, patents and patent applications herein are incorporated by reference to the same extent as if each individual or patent application was specifically and individually indicated to be incorporated by reference.

Several patents have been issued for the synthesis of cyclic heptapeptide and its applications. For example, US9186391B2 provided cyclic peptide inhibitors of lysin specific demethylase 1. These cyclic peptides have the potential to treat cancer, diabetes, cardiovascular disease, and neurological disorders.

Another patent, JP2012120478A provides to create transformed Jatropha which is excellent in growth and stress tolerance, by identifying a gene encoding PPAT (PhosphoPantetheine Adenylyl-Transferase) derived from Jatropha and then creating a transformant using the gene. There are provided an isolated DNA of a specifi sequence encoding a PPAT derived from Jatropha, and a transformed Jatropha plant by using the DNA. The transformed Jatropha plant overexpresses PPAT compar the wild type, and shows enhanced growth and higher oil and fat production.

Another patent, JP6030281B2 a polynucleotide encoding Phosphopantetheine Adenylyl-tranferase (hereinafter referred to as "PPAT") as a novel gene of the genus Ja and use thereof, and particularly to use for producing stress-resistant Jatropha with enhanced growth.

Another invention, JP2022084752A is a cyclic peptide exhibiting strong antimicrobial properties and very large stability in human body fluid such as serum, but lacki

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Application Details

APPLICATION NUMBER	202211046269
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	13/08/2022
APPLICANT NAME	1 . Dr. ABHISHEK TIWARI 2 . Dr. SURESH KUMAR 3 . Dr. VARSHA TIWARI 4 . Dr. MANISH KUMAR 5 . Dr. RENU SAHARAN 6 . Dr. PANKAJ GUPTA 7 . Dr. A. R. VIJAYAKUMAR 8 . Dr. MEENA BHANDARI
TITLE OF INVENTION	METHODS OF SYNTHESIS, CHARACTERIZATION AND BIOLOGICAL EVALUATION OF CYCLO-OCTAPEPTIDE, CYCLOGOSSINE-B
FIELD OF INVENTION	BIOTECHNOLOGY
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E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	20/01/2023
PUBLICATION DATE (U/S 11A)	26/08/2022
REPLY TO FER DATE	16/08/2023

Application Status

APPLICATION STATUS

Withdrawn Under Section 11B(4){1}

Order(s)/Decision(s) View Documents

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Patent Search

Invention Title	DIABETIC WOUND HEALING METHOD BY PERFORMING IN VITRO AND IN VIVO EVALUATION USING POLYMERIC FILM USING FLUOXETIN RETINOIC ACID
Publication Number	33/2022
Publication Date	19/08/2022
Publication Type	INA
Application Number	202241043392
Application Filing Date	28/07/2022
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	CHEMICAL
Classification (IPC)	C01G0009020000, B01J0035000000, A61K0048000000, H01L0031180000, C01B0039480000

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Abstract:

DIABETIC WOUND HEALING METHOD BY PERFORMING IN VITRO AND IN VIVO EVALUATION USING POLYMERIC FILM USING FLUOXETINE AND RETINOIC ACID A methc analysis of aluminium incapacitated zno squeaky films for antibacterial activity. The method includes depicting the XRD peaks of pure and Al- incapacitated ZnO sque which are post-annealed at 300°C, wherein the hexagonal Wurtzite form of the deposited films is confirmed by the diffraction peaks, which match the 36-1451 JCPDS Changing the microstrain and crystallite size with variation in Al content, indicating a potential reduction in crystallite size as evidenced by the broadening of the diffr pattern. Doping the squeaky film of ZnO in pure form and also squeaky films of ZnO Al with a scan region of 3x3µm. The bandgap for pure ZnO squeaky film is 3.15eV bandgap for (1, 3, and 5) % Al incorporated ZnO squeaky films are 3.12eV, 3.10eV, and 3.06eV. FIG.1

Complete Specification

Description:DIABETIC WOUND HEALING METHOD BY PERFORMING IN VITRO AND IN VIVO EVALUATION USING POLYMERIC FILM USING FLUOXETINE AND RETINOIC

BACKGROUND

Technical Field

[0001] The embodiments herein generally relate to diabetic wound healing method and, more particularly, relate to diabetic wound healing method by performin vitro and in vivo evaluation using polymeric film using fluoxetine and retinoic.

Description of the Related Art

[0002] Optimization of a host response to a biomaterial, e.g., used as a tissue engineering scaffold, is important for promoting tissue regeneration and/or wound Many factors, such as the biodegradability, surface characteristics, size, and/or chemical composition of the biomaterial, can affect the level of the inflammatory res induced.

[0003] The size and/or shape of a biomaterial can contribute to the inflammatory reaction. By way of example only, silk fibroin particles of different sizes can indu different degrees of inflammatory response when they are seeded on macrophages (20). Previous reports on effect of poly(lactic-co-glycolic) acid (PLGA) particles us adjuvant systems for immunization showed that microparticles (~5 µm - ~7 µm) cannot be phagocytosed by murine macrophages with the same avidity demonstra nanoparticles (~389 nm), but instead attach to cell membrane and constitute more potent inflammatory stimulus (39). Additionally, PLGA (poly(lactic-co-glycolic acic nanoparticles (~265 nm) have been shown to be phagocytosed in rat synovium by macrophages and then delivered to the deep underlying tissues almost without l inflammatory responses, but PLGA microspheres (~26.5 µm) were not phagocytosed (40). Another previous report analyzed the effect of titanium dioxide nanopart

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Page last updated on: 26/06/2019

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Application Details

APPLICATION NUMBER	202211042593
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	25/07/2022
APPLICANT NAME	1 . Dr. Tania Gupta 2 . Dr. A. Jalaludeen 3 . Dr. Pradeep Kumar Dwivedi 4 . Dr. Jayanthi Rajendran 5 . Dr. C. Gladson Clifford Joe 6 . Dr. Anshul Saluja
TITLE OF INVENTION	METHOD TO STUDY IMPACT OF ONLINE CLASSROOM PLATFORM LEARNING AND COLLABORATION AT TEACHER EDUCATION LEVEL
FIELD OF INVENTION	COMPUTER SCIENCE
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E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	29/07/2022

Application Status

APPLICATION STATUS

Awaiting Request for Examination

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Patent Search

Invention Title	ON-DEMAND ORDERING FOOD THROUGH ONLINE CROWDSOURCING USING MACHINE LEARNING.
Publication Number	29/2022
Publication Date	22/07/2022
Publication Type	INA
Application Number	202211040140
Application Filing Date	13/07/2022
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	COMPUTER SCIENCE
Classification (IPC)	G06Q0010060000, G06Q0030060000, G06N0020000000, G06Q0010080000, G06F0016350000

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Abstract:

The present disclosure envisages method and a system for on-demand ordering food through online crowdsourcing using machine learning (OCD). The system provi technique to gathered the information related to order placed in nearby restaurants and create a solution for that based on extractions of multiple nearby placed orc different locations to one geographical indication. After that system assigned the task to delivery person based on a real-time along with any return task on availabilit allocation of food duties and generating massive distribution networks in real-time, a mixed meta - heuristic optimization solution method merging the adaptable big neighborhood searching and socially stigmatized search techniques is developed. Riders from the crowd are constantly distributed among various food vendors. The technique is evaluated using both modeled comparatively tiny and truly huge on-demand online food scenarios.

Complete Specification

TECHNICAL FIELD:

The present disclosure relates to the field of food ordering and supplying systems utilizing machine learning. More specifically, the invention belongs to the field of . intelligence which uses the machine learning in the techniques of on demand ordering food through online crowdsourcing using machine learning.

BACKGROUND

Now a days in the metro cities mostly working people depended on the deliverable food to satiate the hunger. To fulfill the requirements of the people who depenc deliverable foods there are more accuracy required to deliver the user foods on time as fast as possible in maximum accuracy. Due advancement of technology the most online services available where the people can order the foods and get their delivery wherever want. But still the problem faced during this process most of ti spoiled on searching the food of choice and order them which consumes user time. Further, if the order was placed from the far restaurant their charges also raise user unable to get their placed order on real-time.

Intelligent urban living is becoming more common as internet-based (O2O) shopping via cell phones becomes more common. The on-demand food industry, for ex brings together a huge variety of small catering services, clients, and messengers to deliver omnipresent and affordable food services. Provisioning establishments orders from people via their cellphones or laptops and produce customized meals and beverages. The meal is then delivered as quickly as possible to the appropri consumers via couriers. As a result, to serve this burgeoning industry, convenient and dynamic food distribution is necessary. Further, the prevalence of online-to-o (O2O) commerce using smartphones has led to increasing popularity of smart urban living [1]- [6]. In particular, the on-demand food business pools large numbers

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Application Details

APPLICATION NUMBER	202211040752
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	16/07/2022
APPLICANT NAME	1 . Dr. Anil Kumar 2 . Dr. Asha Dahiya 3 . Dr. Chandra Mohan 4 . Dr. Reena 5 . Dr. Amita Singh
TITLE OF INVENTION	NANO FABRICATION OF NANOPARTICLES TO SOLAR CELLS FOR MAXIMUM ABSORPTION OF SOLAR ENERGY
FIELD OF INVENTION	CHEMICAL
E-MAIL (As Per Record)	anilcollegemail@gmail.com
ADDITIONAL-EMAIL (As Per Record)	anilcollegemail@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	22/07/2022

Application Status

APPLICATION STATUS

Awaiting Request for Examination

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➡ Filed ➡ Published ➡ RQ Filed ➡ Under Examination

➡ Disposed

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Patent Search

Invention Title	BIOMEDICAL INTERVENTIONS FOR ANALYSING THE PROTEINS AND GENETIC FACTORS THAT ARE RESPONSIBLE FOR CAUSING CANCER
Publication Number	27/2022
Publication Date	08/07/2022
Publication Type	INA
Application Number	202241035945
Application Filing Date	22/06/2022
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	BIO-MEDICAL ENGINEERING
Classification (IPC)	G16H0050700000, G16H0010600000, G06N0003040000, G11C0011540000, G16H0080000000

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Abstract:

Biomedical interventions for analysing the proteins and genetic factors that are responsible for causing cancer is the proposed invention. The invention aims implem techniques of medicine and biology integrated with artificial intelligence to study the causes of cancer in depth. The proteins and genetic factors that are responsible cancer are analysed in forefront with the intention of addressing flaws inherent in existing system.

Complete Specification

Description:[0001] Background description includes information that may be useful in understanding the present invention. It is not an admission that any of th information provided herein is prior art or relevant to the presently claimed invention, or that any publication specifically or implicitly referenced is prior art.
[0002] Cancer is a group of diseases involving abnormal cell growth with the potential to invade or spreads to other parts of the body. The majority of cancers, so 95% of cases are due to genetic mutations from environmental and lifestyle factors. The remaining 5-10% are due to inherited genetics.
[0003] A number of different types of cancer causes analysis systems that are known in the prior art. For example, the following patents are provided for their sup teachings and are all incorporated by reference.
[0004] Patents in genomics and human genetics Genomics and human genetics are scientifically fundamental and commercially valuable. These fields grew to prominence in an era of growth in government and nonprofit research funding, and of even greater growth of privately funded research and development in biotec and pharmaceuticals. Patents on DNA technologies are a central feature of this story, illustrating how patent law adapts---and sometimes fails to adapt---to emergir genomic technologies. In instrumentation and for therapeutic proteins, patents have largely played their traditional role of inducing investment in engineering and development, including expensive post discovery clinical research to prove safety and efficacy. Patents on methods and DNA sequences relevant to clinical genetic t show less evidence of benefits and more evidence of problems and impediments, largely attributable to university exclusive licensing practices. Whole-genome seq will confront uncertainty about infringing granted patents but jurisprudence trends away from upholding the broadest and potentially most troublesome patent cla
[0005] Patenting and licensing in genetic testing: ethical, legal and social issues the institution of a patent is very old, but its emergence in the field of genetics has confused many. The flow of patents on human genes has raised practical and ethical concerns, particularly in Europe. A large part of public opinion is against the pr

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Application Details

APPLICATION NUMBER	202231033186
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	09/06/2022
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TITLE OF INVENTION	A SYSTEM FOR MEASURING MEDIATING EFFECT OF GLOBALIZATION ON INCOME DISTRIBUTION IN EMERGING ECONOMIES
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	shruti.m@srisriuniversity.edu.in
ADDITIONAL-EMAIL (As Per Record)	
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	08/07/2022

Application Status

APPLICATION STATUS

Awaiting Request for Examination

View Documents

➡ Filed ➡ Published ➡ RQ Filed ➡ Under Examination

➡ Disposed

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Registrar
K.R. Mangalam University
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Patent Search

Invention Title	BIO-TECHNICAL INTERVENTIONS FOR PRECISION AGRICULTURAL ASPECTS ALONG WITH CROP MONITORING ANALYSIS
Publication Number	26/2022
Publication Date	01/07/2022
Publication Type	INA
Application Number	202211035299
Application Filing Date	20/06/2022
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	MECHANICAL ENGINEERING
Classification (IPC)	A01B0079000000, C12N0015740000, A61B0017340000, H01L0041338000, A61K0047600000

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Abstract:

Bio-technical Interventions for Precision Agricultural aspects along with Crop Monitoring Analysis is the proposed invention. The invention tries to integrate the aspec biological observations along with technical concepts and intervening the biological factors with technology. The proposed invention strives for addressing the issues inherent in the agricultural monitoring aspects. The crop yield growth is monitored along with precise delivery of fertilizers.

Complete Specification

The present invention relates to the field of designing & implementing a framework of Bio-technical interventions for imposing the concept of precision to agriculture. The crops growth and yield are monitored continuously through image processing techniques.

BACKGROUND OF INVENTION

[0001] Background description includes information that may be useful in understanding the present invention. It is not an admission that any of the information provided herein is prior art or relevant to the presently claimed invention, or that any publication specifically or implicitly referenced is prior art.

[0002] Agriculture or farming is the practice of cultivating plants and livestock. Agriculture was the key development in the rise of sedentary human cultivation, wh farming of domesticated species created food surpluses that enabled people to live in cities. Altering crops through breeding practices changes the genetic Make-up plant to develop crops with more beneficial characteristics for humans.

[0003] Precision Agriculture (PA) is a farming management concept based on observing, measuring and responding to inter and intra-filed variability in crops. The precision agriculture research is to define a decision support system for whole farm management with the goal of optimizing returns on inputs while preserving res

[0004] A number of different types of precise agricultural analysis systems that are known in the prior art. For example, the following patents are provided for the supportive teachings and are all incorporated by reference

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Patent Search

Invention Title	RENEWABLE GREEN ENERGY FOR SUSTAINABLE DEVELOPMENT
Publication Number	26/2022
Publication Date	01/07/2022
Publication Type	INA
Application Number	202221033886
Application Filing Date	14/06/2022
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	COMPUTER SCIENCE
Classification (IPC)	G06Q0050060000, B01D0053620000, H02J0003000000, G06Q0010060000, F03B0017000000

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Abstract:

The world's energy demand is growing beyond installable capacity. So, future energy needs should be met efficiently and securely. Using renewable energy should su solutions. Currently, renewable energy is not enough to meet primary energy and electricity needs. Both developed and developing nations will need fossil fuels in th decades. Developing countries have it worse than developed ones. Many developing countries are reorganising their energy sectors, it seems. It's hard to innovate. C share, and policy are barriers to renewable energy. Energy policies support economic, social, and industrial sustainability in many countries' strategy plans. New rene technologies will reduce environmental costs, allowing energy systems to be operated safely, economically, and without environmental issues. Both wholesale and re new renewable energy markets.

Complete Specification

RENEWABLE GREEN ENERGY FOR SUSTAINABLE DEVELOPMENT

FIELD OF THE INVENTION

This invention relates to the field of Renewable Green Energy. Renewable energy contributes little to primary energy and power supply. Cost reductions, renewable energy industry growth, and technical advancements depend on government policy accuracy, private sector ingenuity, and investment. Many energy-efficient enabling technologies use less and cleaner energy in power plants, buildings, industrial facilities, and transport systems.

BACKGROUND OF THE INVENTION

Alternative and renewable energies will be the most significant energy resources shortly. This situation will be a reason to generate new jobs and develop future industries. Energy demand soars. Industrial nations have 28% of the world's population and utilise 77% of their energy. The world's population will expand 1.26 times by 2050, reaching 9.7 billion. Developing nations account for 90% of the global population increase. Although industrialised nations

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Department of Industrial Policy and Promotion
Ministry of Commerce and Industry

Design Application Details

Application Number:

361993-001

Cbr Number:

200189

Cbr Date:

05/04/2022 22:19:37

Applicant Name:

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4. Swati Shrivastava 5. Ankit Raj Singh 6. Daisy Raj 7. Laxmi
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Design Application Status

Application Status:

Design Accepted and Published, Journal No is 25/2023 and Journal Date is 23/06/2023

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Application Details

APPLICATION NUMBER	202241033184
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	09/06/2022
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TITLE OF INVENTION	A SYSTEM FOR PROVIDING AN INTERFACE FOR AN EFFECTIVE COMMUNICATION IN IMPROVING EMPLOYEE MORALE
FIELD OF INVENTION	COMPUTER SCIENCE
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E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	17/06/2022

Application Status

APPLICATION STATUS

Awaiting Request for Examination

View Documents

➡ Filed ➡ Published ➡ RQ Filed ➡ Under Examination

➡ Disposed

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Registrar
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Patent Search

Invention Title	"SYSTEM AND METHOD FOR RESUME MANAGEMENT AND RECRUITMENT WORKFLOW USING ARTIFICIAL INTELLIGENCE TECHNOLOGY"
Publication Number	24/2022
Publication Date	17/06/2022
Publication Type	INA
Application Number	202211032630
Application Filing Date	07/06/2022
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	COMPUTER SCIENCE
Classification (IPC)	G06Q0010100000, G06Q0010060000, G06F0009448000, H04N0021658700, G05D0023190000

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Abstract:

Accordingly, embodiments herein disclose system and method for resume management and recruitment workflow using artificial intelligence technology in organizat system comprises a memory device resident on a computing device tangibly storing thereon; and a processor disposed in communication with the memory device. T is configured to: receive a plurality of resumes in an electronic format; determine an experience range for each skill or experience in the received electronic resumes; term of experience for each skill or experience based on said determined experience range; generate at least one composite key for each skill or experience; create a for each received electronic resume; store the received electronic resumes and their associated created new versions in a resume database associated with the comp and receive a resume search request from a user comprising a job description.

Complete Specification

[0001] The present invention relates to system and method for resume management and recruitment workflow using artificial intelligence technology in an organ

BACKGROUND OF INVENTION

[0002] When an employer decides to hire a new employee, a hiring manager determines requirements for the new employee. The requirements include mandato characteristics for the new employee. With the requirements in mind, the hiring manager begins to review resumes that the employer receives from potential candi resume, or curriculum vitae, summarizes a candidate's career and qualifications. The resume is a mechanism to convey personal and business-related characteristi the candidate believes to be relevant to a prospective employer. The resume typically includes the candidate's career objective, personal interests, professional affil educational background, employment history, and a description of work experience.

[0003] Typically, the candidate resumes are reviewed by a manual process that involves the hiring manager reading or scanning each paper or electronic resume i stack of resumes with the requirements for the new employee in mind. After reading or scanning a resume, the hiring manager decides whether the candidate's qualifications described in the resume can possibly satisfy the job requirements. For each resume that seems to satisfy the requirements, the hiring manager conta potential candidate and attempts to schedule an interview. Once the potential candidate accepts the invitation to interview, the potential candidate becomes a canc for the new position. One disadvantage of this process is the time required by the hiring manager to review resumes that do not possibly qualify for the position. Th manager is reviewing a large number of resumes for the purpose of narrowing them down to a few resumes that describe candidates who might qualify for the pos and warrant an interview or hire. Furthermore, the accuracy of the process depends on the accuracy of the hiring manager who is reading or scanning the large nur resumes. Thus, the manual process does not lend itself to reviewing a large enough number of resumes and is likely to miss the resume of a qualified potential can

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Application Details

APPLICATION NUMBER	202211030511
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	27/05/2022
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TITLE OF INVENTION	ARTIFICIAL INTELLIGENCE-BASED SYSTEM AND METHOD FOR MODELING ENDORSEMENT OF SKILLS OF AN INDIVIDUAL IN A SKILLS MAP
FIELD OF INVENTION	COMPUTER SCIENCE
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E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	03/06/2022

Application Status

APPLICATION STATUS

Awaiting Request for Examination

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Filed → Published → RQ Filed → Under Examination → Disposed

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Patent Search

Invention Title	A SYSTEM FOR EVALUATING IMPACT OF MARKETING STRATEGIES FOR SMALL BUSINESS SUSTAINABILITY AND METHOD THEREOF
Publication Number	21/2022
Publication Date	27/05/2022
Publication Type	INA
Application Number	202221027287
Application Filing Date	12/05/2022
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	COMPUTER SCIENCE
Classification (IPC)	G06Q0010060000, G06Q0030020000, G06F0016248000, G06F0016245800, G06F0016260000

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Abstract:

The present invention discloses a system for evaluating impact of marketing strategies for small business sustainability and method thereof. The system includes, bu to, a memory which stores instructions; one or more processors attached to the memory wherein the one or more processors, when executing the instructions whic are configured to have: a processing unit providing data output through a user interface for determining a computer-generated aggregate relative interaction value fo of contacts and correlating these aggregate relative interaction values with coming business profits, customer satisfaction, and other key performance indicators of th Further, the aggregate relative interaction value is processed for further determining a leading indicator of business profits, customer satisfaction and other key perfo indicators of a business. Accompanied Drawing [FIG. 1]

Complete Specification

Description:[001] The present invention relates to the field of the systems and methods useful for analysing the business marketing and use of promotional materi combination with a sales pitch, and further using consistent measures to provide comparisons of effectiveness across industry and routinely predicting success of t campaign in the marketplace. The invention more particularly relates to a system for evaluating impact of marketing strategies for small business sustainability and thereof.

BACKGROUND OF THE INVENTION

[002] The following description provides the information that may be useful in understanding the present invention. It is not an admission that any of the informati provided herein is prior art or relevant to the presently claimed invention, or that any publication specifically or implicitly referenced is prior art.

[003] Further, the approaches described in this section are approaches that could be pursued, but not necessarily approaches that have been previously conceived pursued. Therefore, unless otherwise indicated, it should not be assumed that any of the approaches described in this section qualify as prior art merely by virtue o inclusion in this section.

[004] In current scenarios, viral marketing has been emerged as an effective business tool for marketing in view of the increasing admiration of online social networ Fundamentally, a main objective of these marketing techniques is to ascertain and leverage social interactions among individuals to promote awareness about vario products. Further with the limited advertising budgets, a key challenge which is emerging in being able to select a set of influential individuals in the social media ne and provide to the customers with discounts on products or even provide free samples, wherein such individuals shall then be in a position to raise and maximize awareness of a product over the social network

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Application Details

APPLICATION NUMBER	202211026328
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	06/05/2022
APPLICANT NAME	1 . Dr. Gurpreet Singh 2 . Dr. Seema Maruti Zagade 3 . Dr.Bhawna Saxena 4 . Ms. Kanchan Khatreja 5 . Dr.Veena Christy 6 . Dr. Meena Sharma 7 . Dr. Dini Menon 8 . Dr. Harinder Kour 9 . Dr. Manoj Sharma 10 . Dr. S. Saravanan 11 . Thiru.A.K.Shunmuga Selvan 12 . Sruthi S
TITLE OF INVENTION	A SYSTEM FOR EVALUATING THE IMPACT OF WORK-LIFE BALANCE TOWARDS JOB SATISFACTION AND EMPLOYEE RETENTION AND METHOD THEREOF
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	drgptss@gmail.com
ADDITIONAL-EMAIL (As Per Record)	drgptss@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	13/05/2022

Application Status

APPLICATION STATUS

Awaiting Request for Examination

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➡ Filed ➡ Published ➡ RQ Filed ➡ Under Examination

➡ Disposed

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Patent Search

Invention Title	HYBRID FUZZY ASSOCIATION RULE ALGORITHMS TO DETECT THE ANOMALIES IN HEALTH CARE DATA
Publication Number	19/2022
Publication Date	13/05/2022
Publication Type	INA
Application Number	202241025524
Application Filing Date	02/05/2022
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	COMPUTER SCIENCE
Classification (IPC)	G06F0016245800, G06Q0050220000, G16H0050700000, G16H0010600000, A61B0005022000

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Abstract:

Hybrid fuzzy association rule algorithms to detect the anomalies in health care data is the proposed invention. The invention aims at designing a framework of fuzzy l hybrid characteristics to enhance the efficiency of association rule mining algorithms. The proposed invention strives to detect the anomalies that are inherent in the are related to health care and paving way for therapeutic treatment.

Complete Specification

Description: [0001] Background description includes information that may be useful in understanding the present invention. It is not an admission that any of th information provided herein is prior art or relevant to the presently claimed invention, or that any publication specifically or implicitly referenced is prior art.
[0002] Anomaly detection systems help to remove fit falls in datasets which in turn help BI matric to be more accurate in analyzing real time company data. It is al critical to spotting non-fluky patterns that may contain actionable information for a business uses. Anomaly detection in records of public health care system is an important task in health care management that can reveal logistic problems, overloads, regional lack of professionals and services, diseases, outbreaks, cross in the and suspect activities.
[0003] A number of different types of anomaly detection systems that are known in the prior art. For example, the following patents are provided for their suppor teachings and are all incorporated by reference.
[0004] Stock Market Prediction Using Machine Learning Techniques: A Decade Survey on Methodologies, Recent Developments, and Future Directions With the ac technological marvels like global digitization, the prediction of the stock market has entered a technologically advanced era, revamping the old model of trading. Wi ceaseless increase in market capitalization, stock trading has become a center of investment for many financial investors. Many analysts and researchers have deve tools and techniques that predict stock price movements and help investors in proper decision-making. Advanced trading models enable researchers to predict the using non-traditional textual data from social platforms. The application of advanced machine learning approaches such as text data analytics and ensemble metho greatly increased the prediction accuracies. Meanwhile, the analysis and prediction of stock markets continue to be one of the most challenging research areas due dynamic, erratic, and chaotic data. This study explains the systematics of machine learning-based approaches for stock market prediction based on the deployment

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Application Details

APPLICATION NUMBER	202211025490
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	01/05/2022
APPLICANT NAME	1 . Dr. Richa Arora 2 . Dr. Richa Nangia 3 . Dr. Dimpy Sachar 4 . Dr. Nidhi Gupta 5 . Dr. Ona Ladiwal 6 . Nidhi
TITLE OF INVENTION	NOVEL ROADWAY TRANSPORT MANPOWER PLANNING AND OPTIMIZATION SYSTEM
FIELD OF INVENTION	COMPUTER SCIENCE
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ADDITIONAL-EMAIL (As Per Record)	jaspreet.singh@ipquad.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	02/05/2022
PUBLICATION DATE (U/S 11A)	06/05/2022

Application Status

APPLICATION STATUS

Abandoned U/s 21(1)

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Patent Search

Invention Title	IOT BASED SMART FARMING WITH AGRICULTURE TASK AUTOMATION
Publication Number	16/2022
Publication Date	22/04/2022
Publication Type	INA
Application Number	202211020451
Application Filing Date	05/04/2022
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	MECHANICAL ENGINEERING
Classification (IPC)	A01G0025160000, A01G0009240000, A01G0009160000, G01N0033240000, A01G0025000000

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Applicant

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Dr Meenu Vijarania	Associate Professor, Member of Centre of Excellence, Computer Science Department, SOET, K.R. Mangalam University, Gurugram, India	India

Abstract:

Agriculture is the broadest financial area and plays an important role in the overall economic growth of a nation. India is an agriculture-based country and 75%of a pe live in rural areas. Now a days most of the peoples migrate rural to urban places. Because of the technological development people could not more interest to work v method of farming. So, overcome this problem to go with improved irrigation system in agricultural environments using sensors, GSM and water meter. In this modu include the light intensity and humidity sensing, GSM, moisture sensor was used to control the motor pumps to automation process. In the implementation of autom using the improvement of farming and growth of yield. So, making this model is to sensing the soil moisture level and water levels are indicate to system for automat switched ON/OFF the motor pumps. It is usage of the less time, electricity conception and involuntarily results in wastage of water. That is the same time to the indic the message to the former for using GSM. The aim of our idea to likely work with forms easily to grow of farming.

Complete Specification

Farming is considered as the foundation of India's economy, which depends intensely on its significant yields. Harvest creation is reliant upon topographical variables as soil synthetic, temperature, stickiness and so forth. These factors play major role in increasing the crop production. Farmers are unaware from these factors and select the crop for cultivation based on their experience of growing particular crop again and again. Farmers' crop selection accuracy is low not cost effective. It is important to practice modern methods of farming by using technology instead of practicing traditional farming method. To solve this problem, we offer a framework that will recommend crops dependent on the temperature of the general climate. Farmers can expand their yield by developing the harvest suggested by the framework.
India is one of the leading countries worldwide in terms of farm output. Even after being a leading producer of agricultural products, India still lacks farm productivity. Farmers have very less income because of the lack of farm productivity. There needs to be an increase in productivity, in order to get more

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Application Details

APPLICATION NUMBER	202211017548
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	26/03/2022
APPLICANT NAME	1 . Venkatesh Bharti 2 . Heena Arora 3 . Dr. Ruchika Yadav 4 . Dr Gurbir Singh Khera 5 . Dr Ashima Saxena 6 . Dr Manmeet Bali Nag 7 . Dr. Priyanka Chadha 8 . Dr Rajat Gera 9 . Amitesh Sinha
TITLE OF INVENTION	A NOVEL HEALTH DIAGNOSING SYSTEM USING MULTIPLE SENSORS.
FIELD OF INVENTION	BIO-MEDICAL ENGINEERING
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E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	26/03/2022
PUBLICATION DATE (U/S 11A)	01/04/2022

Application Status

APPLICATION STATUS

Application referred u/s 12 for examination.

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Patent Search

Invention Title	A NOVEL DEVICE TO PRODUCE ELECTRICAL ENERGY USING VIBRATION GENERATED BY ITS SURROUNDING.
Publication Number	08/2022
Publication Date	25/02/2022
Publication Type	INA
Application Number	202211008825
Application Filing Date	20/02/2022
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	MECHANICAL ENGINEERING
Classification (IPC)	F03D0001060000, F03D0009250000, F03D0003040000, F03D0009000000, F03D0013200000

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Dr.Vandana Ahuja	Amity Business School, Amity University Uttar Pradesh, Sector 125, Noida, U.P. Pincode :201315	India
Dr SK Bose	House No 2207, Sector 9 Faridabad PIN 121006	India
Dr Gurbir Singh Khera	B-81 (GF), Swasthya Vihar, Vikas Marg, Delhi Pincode :110092	India
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Abstract:

The device belongs to the category of sustainable energy devices, which is a key factor in renewable or clean energy production, which not only helps the environmer maintaining its equilibrium. The device works on the principle of converting mechanical energy, such as vibration, and converts it into mechanical energy, with the hel spring, magnets, copper coils and diaphragm setup. The innovation works on the similar principal as a wind turbine but does not require their setup area and locatio which means this product requires minimal setup area and working conditions which makes it extremely ideal for every day usage, public sector usage, commercial u most importantly industrial usage. Its compact size, portability and scalability makes it stand out when compared to conventional methods of electricity generation d

Complete Specification

With constant innovations dominating the world, some of the devices related to sustainable energy are still trying to keep up with the pace of innovation but there is only much that they can do because of the limitations that they carry due to their design, working capacity, and working condition, which is why, we introduced "A novel device to produce electrical energy using vibration generated by its surrounding." Which solves all the prominent problems. The idea of this device is inspired by harvesting vibrational energy which readily available in our surroundings, thanks to globalization of technology. This device can detect vibration energy from their surroundings by transmission of vibration from any moving object nearby which will vibrate its aluminum frame which will transfer it to the spring which is connected to a diaphragm, and spring will also be vibrated when wind will enter this frame from 3 wind holes provided on the body. This combined force will help vibrate the diaphragm which will ultimately convert mechanical energy into electrical energy

[0002] Advantages of Proposed Invention:

1. It does not specific wind speeds to work any amount of wind present in the surrounding will be able to interfere with its diaphragm.
2. It has minimal setup process.
3. Construction of this device is very simple and easily understandable
4. It requires very minimal inirial cost

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Application Details

APPLICATION NUMBER	202241007317
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	11/02/2022
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TITLE OF INVENTION	Extraction of bioactive compounds from plant material
FIELD OF INVENTION	CHEMICAL
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PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	18/02/2022

Application Status

APPLICATION STATUS

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Ministry of Commerce and Industry

Design Application Details

Application Number:

353922-001

Cbr Number:

210321

Cbr Date:

29/11/2021 22:42:46

Applicant Name:

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3. Dr. Manoj M.Gadewar, 4. Gaurav Chandrakant Ghewade,

Design Application Status

Application Status:

Design Accepted and Published, Journal No is 02/2022 and Journal Date is 14/01/2022

Back (/DesignApplicationStatus/)

Disclaimer: Application status is available for the application filed on or after 1st April 2009 with application no 222230.The information under " Design Application Status" is dynamically retrieved and is under testing, therefore the information retrieved by this system is not valid for any legal proceedings under the Design Act 2000. In case of any discrepancy you may contact the appropriate Patent Office or send your comments to following email IDs:

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Application Details

APPLICATION NUMBER	202111058641
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	16/12/2021
APPLICANT NAME	1 . Ms. Sudha 2 . Dr. Mamta Dahiya 3 . Dr. Meenu Vijarania 4 . Dr. Swati 5 . Dr. Ashima Gambhir 6 . Suruchi 7 . Praveen Kantha 8 . Dr. Harkesh Sehrawat 9 . Dr. Vikas Siwach 10 . Neha Gupta
TITLE OF INVENTION	DESIGN AND IMPLEMENTATION OF WHEELCHAIR USING IOT FOR QUADRIPLEGIA PATIENT
FIELD OF INVENTION	COMPUTER SCIENCE
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PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	31/12/2021

Application Status

APPLICATION STATUS

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Patent Search

Invention Title	EFFECTIVE CLICK FRAUD DETECTION FOR MOBILE APP USING DL, PYTHON AND OPEN- CV
Publication Number	49/2021
Publication Date	03/12/2021
Publication Type	INA
Application Number	202141053270
Application Filing Date	19/11/2021
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	COMPUTER SCIENCE
Classification (IPC)	G06Q0030020000, G06Q0020400000, G06Q0030000000, G06K0009660000, G06F0008300000

Inventor

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Abstract:

Effective Click Fraud Detection for Mobile App using DL, Python and open- CV Abstract: In internet advertising, people click on advertisements that have been paid for which is known as "click fraud." As a result, it is caused by people purposefully clicking on web advertisements when they have no genuine interest in the product or s advertised. Click fraud is a serious threat to advertisers' revenue as well as their trust in advertising. Various machine learning and deep learning models that can lear data presented are used to solve this problem. Based on the data fed into it during the training process, the model will detect fraudulent clicks. Our team's deep learr algorithm for distinguishing between genuine and fraudulent clicks has been tested against other machine learning methods such as SVM and Naive Bayes. Mobile a critical to the success of the mobile application ecosystem. Click fraud, which refers to ad clicks performed by fraudulent code, threatens the long-term stability of thi Existing techniques for detecting click fraud primarily focus on analysing ad requests sent to the server for processing. If the clicks are disguised behind proxies or wi dispersed, such methods may generate a large number of false negatives. The AdSherlock method for detecting click fraud in mobile apps is discussed in this study. I used in a variety of situations because it is both effective and simple to use. AdSherlock has two independent methods; one for offline use and one for online use, wh referred to as AdSherlock. AdSherlock generates patterns in the offline technique using URL tokenization, with exact patterns being used more frequently. When a cli recognised online, these patterns are used to detect fraud. They use click requests as part of the online procedure. AdSherlock is a prototype that is being evaluated u world applications. As a benchmark, AdSherlock outperforms the current state of the art in click fraud detection accuracy while consuming only a small amount of CP during runtime.

Complete Specification

Claims:CLAIMS

1. Effective Click Fraud Detection for Mobile App using DL, Python and open- CV said that the proposed approach detects clickbait by first translating sentences to numerical data and then checking the hit.

2. Effective Click Fraud Detection for Mobile App using DL, Python and open- CV of claim 1, wherein said that Adapts to a variety of dialects.

3. Effective Click Fraud Detection for Mobile App using DL, Python and open- CV of claim 1, wherein said the proposed system considers both textual and visual eler

4. Effective Click Fraud Detection for Mobile App using DL, Python and open- CV of claim 1, wherein said achieves better fraud discovery accuracy..
5. Effective Click Fraud Detection for Mobile App using DL, Python and open- CV of claim 1, wherein said that our results were comparable to the recent Clickbait Ch winners, and we feel that fine-tuning our model can easily increase our outcomes.
, Description:Descriptions:

The Internet phenomenon known as "clickbaiting" refers to a strategy for attracting "clicks" on a website by utilising psychological predispositions. Misleading inform

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Application Details

APPLICATION NUMBER	202111053226
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	18/11/2021
APPLICANT NAME	1 . Neeraj Gupta 2 . Asha Sohal 3 . Ashwani Kumar 4 . Dr. Dinesh Singh 5 . Mamta Sachdeva
TITLE OF INVENTION	HEALTHCARE CLOUD BASED IOT AND MACHINE LEARNING ENABLED SYSTEM FOR DETECTING AND PREVENTING HEART DISEASE USING DEEP LEARNING
FIELD OF INVENTION	BIO-MEDICAL ENGINEERING
E-MAIL (As Per Record)	soni.mukesh15@gmail.com
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E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	26/11/2021

Application Status

APPLICATION STATUS

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➡ Filed ➡ Published ➡ RQ Filed ➡ Under Examination

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Patent Search

Invention Title	EXTRACT OF CURCULIGO ORCHIOIDES GAERTN. ROOT HAVING ANTIOBESITY ACTIVITY
Publication Number	42/2021
Publication Date	15/10/2021
Publication Type	INA
Application Number	202111043569
Application Filing Date	25/09/2021
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	PHARMACEUTICALS
Classification (IPC)	A61K 36/88

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Abstract:

The present invention relates to a composition the medicinal plants of genus Curculigo have emerged as a good source of the traditional medicines. To investigate th activity of extract of C. orchioides root in progesterone-induced obesity rats. A dose of 500 mg/kg and 1000 mg/kg extract of C. orchioides root and 50 mg/kg Orlistat progressive restore in blood glucose, lipid profile, and oxidative stress biomarkers in all treatment groups during study. The study suggests that the extract of Curculig root dose dependent manner produce antiobesity effects in progesterone-induced obesity rats.

Complete Specification

The present invention relates to an effective treatment in management of obesity owing to its potential anti-obesity effect by using extract of Curculigo orchioides r

BACKGROUND OF THE INVENTION

Plants have been used in number of systems of medicine in the whole world including India. Atharvaveda suggest that man learnt the therapeutic value of plants by observing the behavior of wild animals and birds in disease. Traditional medicine that has been adopted by other populations is often termed alternative or complementary medicine. People tend to rely on traditional and other forms of complementary and alternative medicine for chronic conditions which do not respo to conventional or modern drug treatments. In the western world documentation, use of natural substances for medicinal purposes can be found since 78 A.D., wh Materia Medica" was written by Dioscorides, describing thousands of herbal and medicinal plants. Current research in drug discovery from medicinal plants involve multifaceted approach combining botanical, phytochemical, biological, and molecular techniques. In 19th century, chemical analyst and scientists start to extract an modify the active constituents from plants. Later, chemists began making their own version of plant compounds. Now days almost one fourth of pharmaceutical dr derived from botanicals. Recently, World Health Organization estimated that 80% of people going towards the use of herbal medicines in different parts of the worl side effects of synthetic medicine.

The following prior art is being reported:

CN103417762 The invention relates to a method for extracting curculigo orchioides total glycoside matter from curculigo orchioides and the application of the curc orchioides total glycoside matter in preparing perimenopausal syndrome preventing and curing drugs. The problem of extracting curculigo orchioides total glycosi from the curculigo orchioides to prepare the

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Application Details

APPLICATION NUMBER	202111041866
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	16/09/2021
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TITLE OF INVENTION	A METHOD FOR PREDICTING AN INVESTMENT BEHAVIOR BY ANALYSING AN EFFECT OF A GLOBAL EVENT ON A STOCK MARKET
FIELD OF INVENTION	COMPUTER SCIENCE
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ADDITIONAL-EMAIL (As Per Record)	
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	16/09/2021
PUBLICATION DATE (U/S 11A)	01/10/2021

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Application Status

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Patent Search

Invention Title	SYSTEM FOR CASH DEPOSITING AND DISPENSING WITH AUTO SANITIZATION FUNCTIONALITY BASED ON THE INTERNET OF THINGS
Publication Number	24/2021
Publication Date	11/06/2021
Publication Type	INA
Application Number	202141022387
Application Filing Date	19/05/2021
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	ELECTRONICS
Classification (IPC)	G07F0019000000, G07D0011000000, G07D0001020000, A61L0002240000, G07D0011245000

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Abstract:

The present invention relates to system for cash depositing and dispensing with auto sanitization functionality based on the internet of things. The objective of the pr invention is to solve the problems in the prior art technologies of disinfecting the cash dispensing or deposit in an automatic teller machine.

Complete Specification

Claims:1. A system for smart cash auto sanitization functionality based on the internet of things, wherein the system comprises:

An automatic teller machine, used to dispatch are deposit the cash;
A liquid sanitization unit, used to sanitize the cash at a first stage, wherein a sanitizing solution capable of sanitization the cash when sprayed on the cash without re rinsing of the cash after the cash have been sprayed with the sanitizing solution;
An Air sanitization unit, having a fan in communication with an outlet, the fan in communication with a circulation outlet, used for receiving an inflow of air to recirc through the circulation outlet;
An ultraviolet light sanitization unit, used for emits ultraviolet light a wavelength of light to of range 122-230 nm to the cash through a means carrying the cash and intersected with ultraviolet light, wherein ultraviolet light sanitization unit reacts with the virus or microbes to eliminate virus or microbes in the cash;
A outer shape comprising a first inlet end and a second outlet end for cash may be move inside from different sanitization unit, and a receive unit is used for recei cash after disinfection and connected to the automatic teller machine; and
A control unit, used to control operation of the system using a processing unit.

2. The system for smart cash auto sanitization functionality based on the internet of things as claimed in claim 1, a motor drive circuit is used to move cash from sanitization unit of other

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Application Details

APPLICATION NUMBER	202131020491
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	05/05/2021
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TITLE OF INVENTION	SYSTEM FOR DEPRESSION DETECTION USING TEXTUAL AND EMOJI ANALYSIS IN SOCIAL-MEDIA THROUGH MACHINE LEARNING
FIELD OF INVENTION	COMPUTER SCIENCE
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E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	11/06/2021

Application Status

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Patent Search

Invention Title	ZIRCONIUM AND URANIUM METAL COMPLEXES OF SEMICARBAZIDE DERIVATIVES WITH ANTIBACTERIAL ACTIVITY
Publication Number	24/2021
Publication Date	11/06/2021
Publication Type	INA
Application Number	202111023457
Application Filing Date	26/05/2021
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	BIOTECHNOLOGY
Classification (IPC)	A61K0035742000, C12N0015750000, C07D0471040000, A61K0038000000, A61P0031040000

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Abstract:

The present invention relates to synthesis and characterization of Schiff base ligand (L) by reacting semicarbazide with 2-acetylthiophene in ethanol solvent and its m complexes have also been synthesized by using Zr4+, Pb2+ and U6+ ions. Schiff bases of semicarbazide are often having promising biological activities like anti-inflam antidepressant, antiglycation, antibacterial etc. Schiff base ligand and metal complexes were characterized and have shown appropriate results when analyzed on UV FT-IR and antibacterial activities. They were tested against gram- negative [E. Coli. (MTCC No: 452)] and gram- positive [Bacillus sp (MTCC No: 297)] bacterial strains by Bauer's method. Schiff base complexes of Zirconium [Zr(L)4]Cl2] and lead [Pb(L)2]Cl2] were found to be more active against both bacterial strains having zone of inhit 0.2 & 10.23 ± 0.5 mm and 12.02 ± 0.3 & 11.05 ± 0.3 mm on E. Coli. and on Bacillus species respectively.

Complete Specification

The present invention relates to a Synthesis, characterization and antibacterial studies of semicarbazide based Schiff bases and their Pb(II), Zr(IV) and U(VI) complex

BACKGROUND OF THE INVENTION

From past few decades, coordination chemistry has been enriched due to synthesis of various types of coordination complexes where metal ions are coordinated w various types of ligands. In coordination chemistry, Schiff bases are generally known to combine with various metal ions which make them very useful as steriospec catalysts for the oxidation, reduction, hydrolysis, biological activity and many other reactions in organic and inorganic chemistry.

Schiff bases are the compound containing azomethine group (-HC=N-) and was first reported in 1864 by Hugo Schiff. They are usually prepared by the condens carbonyl compounds with primary amines in presence of acid or base catalyst and heating the mixture. The common structural features of these compounds are azomethine group with a general formula R2C=NR' where, R and R' are alkyl, aryl, cycloalkyl or heterocyclic groups and substituted derivatives.

Schiff base complexes with specific metal ions such as Ag(II), Au(II), Ni(II), Al(III), Cu(II), Gd(III), Y(III) show excellent catalytic activity in various types of reactions that o high temperature (> 100 °C) and in the presence of moisture. The application of Schiff bases are found in food industry, dye industry, analytical chemistry, as catalys fungicidal, agrochemical and as biologically active compounds. In recent years, attention on Schiff bases and their metal complexes are increasing due to their rema biological and pharmacological applications

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Application Details

APPLICATION NUMBER	202111021342
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	11/05/2021
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TITLE OF INVENTION	SMART WIRELESS CHARGING SYSTEM FOR INTERNET OF THINGS (IOT) DEVICES IN HOME AUTOMATION & METHOD THEREOF
FIELD OF INVENTION	COMMUNICATION
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E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	21/05/2021

Application Status

APPLICATION STATUS

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➡ Disposed

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Patent Search

Invention Title	SYSTEM FOR INTELLIGENT TRAFFIC CONTROL AND MANAGEMENT FOR EMERGENCY VEHICLES USING INTERNET OF THINGS AND IMAG PROCESSING
Publication Number	20/2021
Publication Date	14/05/2021
Publication Type	INA
Application Number	202111020928
Application Filing Date	08/05/2021
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	ELECTRONICS
Classification (IPC)	G08G0001096500, G08G0001087000, H04W0084120000, H04W0016140000, G08G0001010000

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Rajat Verma	Assistant Professor, Department of Computer Science & Engineering, Pranveer Singh Institute of Technology, Kanpur, Uttar Pradesh, India	India

Abstract:

The present invention relates to system for intelligent traffic control and management for emergency vehicles using internet of things and image processing. The obj present invention is to solve the problems in the prior art technologies related to traffic control for emergency vehicle.

Complete Specification

The present invention relates to the technical field of internet of things sensor based traffic control.
The present invention relates to field of intelligent traffic control technical field, in particular to a kind of urban traffic intelligent control system.
The present invention is also related to field of a traffic signal to a traffic signal controller when an emergency vehicle is detected.
More particularly, the present invention is related to system for system for intelligent traffic control and management for emergency vehicles using internet of thing image processing.

BACKGROUND & PRIOR ART
The subject matter discussed in the background section should not be assumed to be prior art merely as a result of its mention in the background section. Similarly problem mentioned in the background section or associated with the subject matter of the background section should not be assumed to have been previously rec in the prior art. The subject matter in the background section merely represents different approaches, which in-and-of-themselves may also be inventions.
Some of the prior related works as follows:
CN209087143U Intelligent traffic light node control system
presents "an intelligent traffic light node control system which comprises a traffic light master controller, an electronic tag, a ground induction coil detector and an u computer, wherein the ground induction coil detector is composed of an annular coil sensor and a single-chip microcomputer. The traffic light master controller cor an electronic tag reader, an antenna, an STM32 controller, a traffic light driving module, a WIFI communication module and an OV7670 camera. Emergency vehicle t

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Application Details

APPLICATION NUMBER	201911011584
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	26/03/2019
APPLICANT NAME	1 . DR. PANKAJ GUPTA 2 . DR. ALKA GUPTA 3 . DR. RAJ NARAYAN GUPTA
TITLE OF INVENTION	OPHTHALMIC FORMULATION OF A THIOPHENYL COMPOUND FROM TAGETES ERECTA ROOTS WITH ANTICATARACT POTENTIAL
FIELD OF INVENTION	CHEMICAL
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ADDITIONAL-EMAIL (As Per Record)	ashish.iprindia@hotmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	25/03/2023
PUBLICATION DATE (U/S 11A)	24/05/2019
REPLY TO FER DATE	07/03/2024

Application Status

APPLICATION STATUS

Reply Filed. Application in amended examination

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Filed → Published → RQ Filed → Under Examination → Disposed

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Patent Search

Invention Title	ANTICATARACT OPHTHALMIC FORMULATION OF A BITHIENYL COMPOUND FROM TAGETES ERECTA ROOTS
Publication Number	20/2019
Publication Date	17/05/2019
Publication Type	INA
Application Number	201911007254
Application Filing Date	25/02/2019
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	TRADITIONAL KNOWLEDGE BIOTECHNOLOGY
Classification (IPC)	a61k 31/00

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Abstract:

The present invention relates to an ophthalmic formulation of a bithienyl compound viz. 2-ethynyl-5-(thiophen-2-yl) thiophene from Tagetes erecta roots for delaying and progression of cataract. The anticataract potential of the formulation of bithienyl compound was evaluated using the steroid induced cataract assay in developin embryos wherein the normal (untreated by hydrocortisone) group evinced no development of cataract in the chick lenses whereas the control group was graded for cataract. Calcium dobesilate was used as a positive control that showed 100% protection against cataract and the formulation of bithienyl compound also evinced 10 protection against cataract as the chick lenses were graded for stage 1.

Complete Specification

TECHNICAL FIELD OF THE INVENTION

The present invention relates to an ophthalmic formulation of a bithienyl compound viz. 2-ethynyl-5-(thiophen-2-yl) thiophene from Tagetes erecta roots for delaying the onset and progression of cataract.

BACKGROUND OF THE INVENTION

Blindness due to cataract in India accounts for 50-80% of blind cases and global agencies for the elimination of avoidable blindness have pledged support to reduce the burden of cataract blindness by the "vision 2020: the right to sight" (Murthy et al., 2008). Even though surgical removal is the only option available now for patients, a small contribution by a therapeutic agent to prevent or delay the progression of cataract may be of great help in decreasing this disease burden in developing countries. The main underlying risk factors that contribute towards cataract formation include age, ultraviolet radiations, cigarette smoking, diabetes and malnutrition. Socio-economic status, lower education and occupational factors also

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